

HP LaserJet 3200 Product - Parameter Settings

Introduction

ENTER * # ENTER Developer's menu/r/w parameter 가
“UI ID” “param ver code”
Enter
STOP/CLEAR ENTER Ready ”
STOP/CLEAR Developer's

NOTE:

가

Parameter settings (fax data store parameters)

HP LaserJet3200
(Control Panel) Developer's
가 (R/W Parameter ”가
?? ID < >
?? ,

CAUTION:

Accessing the Developer's menu

Developer's ,
가 Developer's

NOTE:

, 가

1. 가 Ready ”
2. ENTER/MENU
3. * #
4. < >

Control panel messages

LCD

| Description | Display |
|-------------|---------|
|-------------|---------|

| | |
|------------------------|---------------------------------|
| MENU: Data store | DEVELOPER'S MENU R/W PARAMETER |
| SET: Select parameter | R/W PARAMETER >[PARAMETER NAME] |
| SET: Parameter value | [PARAMETER NAME] >##### |
| ACK: Parameter setting | [PARAMETER NAME] >##### |

Line interface identification

| <u>Parameter</u> | <u>Description</u> | <u>Units</u> | <u>Country</u> | <u>Default</u> |
|------------------|--|--------------|----------------------|----------------|
| 1 | u16bit parameter version code. The default value is 1. | N/A | | |
| 2 | LIU ID interface code. This value is set by the firmware. The value depends upon which LIU is installed in the unit. | N/A | U.S. Euro Rare | 6 3 5 |

| | | | | |
|---|--|-----|---|--|
| 3 | LIU COUNTRY is the country code that determines appropriate country specific telecom parameters. This is the country in which the unit is intended to operate. | N/A | <div>Argentina</div> <div>16</div> <div>Australia</div> <div>23</div> <div>Austria</div> <div>34</div> <div>Belgium</div> <div>45</div> <div>Canada</div> <div>15</div> <div>China</div> <div>6</div> <div>Denmark</div> <div>40</div> <div>Finland</div> <div>46</div> <div>France</div> <div>47</div> <div>Germany</div> <div>39</div> <div>Greece</div> <div>49</div> <div>Hong Kong</div> <div>29</div> <div>Hungary</div> <div>62</div> <div>Ireland</div> <div>44</div> <div>Israel</div> <div>21</div> <div>Italy</div> <div>51</div> <div>Korea</div> <div>4</div> <div>Malaysia</div> <div>27</div> <div>Mexico</div> <div>13</div> <div>Netherlands</div> <div>35</div> <div>New Zealand</div> <div>19</div> <div>Norway</div> <div>43</div> <div>Poland</div> <div>56</div> <div>Portugal</div> <div>50</div> <div>Russia</div> <div>64</div> <div>Singapore</div> <div>30</div> <div>Spain</div> <div>55</div> <div>Sweden</div> <div>41</div> <div>Switzerland</div> <div>36</div> <div>Taiwan</div> <div>7</div> <div>Ukraine</div> <div>63</div> <div>U.K.</div> <div>31</div> <div>U.S.</div> <div>15</div> | |
|---|--|-----|---|--|

Ring detection and auto answering

| Parameter | Description | Units | Country | Default |
|-----------|--|---|---|--|
| 4 | Auto answer enable. Modified by the user through the fax receive setup menu answer mode. If TRUE, the device will automatically answer and attempt to receive a fax after the set number of rings to answer. The default value is true for all countries. | 0 = False 1 = True | | |
| 5 | Auto answer ring cadences. Determines the types of rings that are counted. The HP LaserJet 3200 can be set to detect combinations of single, double, or triple rings. This parameter is selected by the user from the fax receive setup menu answer ring pattern. Values of 4 and 5 cannot be set through the user menu and have not been tested. | 0=All rings 1=Single rings 2=Double rings 3=Triple rings 4=Single or double rings 5=Single or triple rings 6=Double or triple rings | All countries | 0 |
| 6 | Auto answer ring count. Minimum number of rings that must be detected before the unit will automatically answer if auto answer enabled is TRUE. Users select the ring count from fax receive setup menu rings to answer. | rings | U.S. All other countries | 5 2 |
| 7 | Ring detect low frequency. Minimum valid frequency for the incoming ring signal. | 1 Hz (10 Hz to 99 Hz) | Australia France New Zealand U.K. All other countries | 13 23 13 14 15 |
| 8 | Ring detect high frequency. Maximum valid frequency for the incoming ring signal. | 1 Hz (10 Hz to 99 Hz) | Australia New Zealand All other countries | 58 58 68 |

| | | | | |
|---|--|--------------------------|-------------|-----|
| 9 | Ring envelope minimum ON time. Minimum time an entire ring signal must be present to be counted as 1 ring. The entire ring signal may consist of several ring bursts separated by periods of silence. | 1 ms (50 ms to 10000 ms) | Argentina | 150 |
| | | | Australia | 180 |
| | | | Austria | 150 |
| | | | Belgium | 150 |
| | | | Canada | 150 |
| | | | China | 150 |
| | | | Denmark | 150 |
| | | | Finland | 300 |
| | | | France | 500 |
| | | | Germany | 250 |
| | | | Greece | 150 |
| | | | Hong Kong | 150 |
| | | | Hungary | 150 |
| | | | Ireland | 300 |
| | | | Israel | 150 |
| | | | Italy | 150 |
| | | | Korea | 150 |
| | | | Malaysia | 150 |
| | | | Mexico | 150 |
| | | | Netherlands | 300 |
| | | | New Zealand | 180 |
| | | | Norway | 150 |
| | | | Poland | 150 |
| | | | Portugal | 150 |
| | | | Russia | 250 |
| | | | Singapore | 150 |
| | | | Spain | 700 |
| | | | Sweden | 300 |
| | | | Switzerland | 150 |
| | | | Taiwan | 150 |
| | | | Ukraine | 250 |
| | | | U.K. | 300 |
| | | | U.S. | 150 |

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|----|---|---------------------------|--|--|
| 10 | Ring envelope maximum ON time. Maximum time an entire ring signal can be present to be counted as 1 ring. The entire ring signal may consist of several ring bursts separated by periods of silence. | 1 ms (50 ms to 10000 ms) | All countries | 8000 |
| 11 | Ring envelope minimum OFF time. Minimum time between ring envelopes, where each ring envelope may consist of a single or multiple rings. Once this time has expired the ring count is incremented. | 1 ms (200 ms to 20000 ms) | All countries | 1000 |
| 12 | Ring envelope maximum OFF time. Maximum time between ring envelopes after which the ring count is reset to zero. When this period of silence is expired all ringing is considered complete. | 1 ms (200 ms to 20000 ms) | All countries | 8000 |
| 13 | Ring burst minimum ON time. Minimum time a single ring signal must be active before it is counted. If this time is not exceeded, the ring burst is ignored. | 1 ms (50 ms to 1000 ms) | Germany Portugal Russia Ukraine All other countries | 200 200 200 200 100 |
| 14 | Ring burst minimum OFF time. Minimum time that must occur between two-ring bursts if they are to be counted as two individual bursts. | 1 ms (50 ms to 1000 ms) | Germany New Zealand Portugal Russia Ukraine All other countries | 200 350 200 200 200 100 |

| | | | | |
|----|--|-----------------------------|---|---|
| 15 | Minimum number of rings. This is the minimum ring count the user can enter. This is used for data entry validation only. | 1 ring (1 ring to 15 rings) | Argentina Australia Austria Belgium Canada China Denmark Finland France Germany Greece Hong Kong Hungary Ireland Israel Italy Korea Malaysia Mexico Netherlands New Zealand Norway Poland Portugal Russia Singapore Spain Sweden Switzerland Taiwan Ukraine U.K. U.S. | 1 2 1 2 1 1 1 2 3 2 1 2 1 2 1 1 1 2 2 2 1 1 2 2 1 2 2 1 2 2 1 |
|----|--|-----------------------------|---|---|

| | | | | |
|----|---|-----------------------------|-------------|---|
| 16 | Maximum number of rings. This is the maximum ring count that the user can enter. This is used for data entry validation only. | 1 ring (1 ring to 15 rings) | Argentina | 6 |
| | | | Australia | 6 |
| | | | Austria | 6 |
| | | | Belgium | 5 |
| | | | Canada | 9 |
| | | | China | 6 |
| | | | Denmark | 6 |
| | | | Finland | 7 |
| | | | France | 5 |
| | | | Germany | 6 |
| | | | Greece | 6 |
| | | | Hong Kong | 6 |
| | | | Hungary | 6 |
| | | | Ireland | 6 |
| | | | Israel | 6 |
| | | | Italy | 6 |
| | | | Korea | 6 |
| | | | Malaysia | 6 |
| | | | Mexico | 6 |
| | | | Netherlands | 7 |
| | | | New Zealand | 6 |
| | | | Norway | 6 |
| | | | Poland | 6 |
| | | | Portugal | 6 |
| | | | Russia | 6 |
| | | | Singapore | 6 |
| | | | Spain | 6 |
| | | | Sweden | 7 |
| | | | Switzerland | 6 |
| | | | Taiwan | 6 |
| | | | Ukraine | 6 |
| | | | U.K. | 6 |
| | | | U.S. | 9 |

Eavesdrop detection and auto answering

| Parameter | Description | Units | Country | Default |
|-----------|--|--|-------------------------------|------------|
| 17 | Silent detect enable. Incoming faxes are detected through the presence of CNG tone or a sufficient period of silence. If TRUE then silent detection is attempted. Selected by the user from the fax receive setup menu, silence detection. | 0 = False 1 = True | All countries | 0 |
| 18 | Parallel detect enable. If TRUE, eavesdrop detection is attempted when either a parallel or downstream telephone (or TAM) answers. If FALSE, detection is attempted only with a downstream device. | 0 = False 1 = True | All countries | 1 |
| 19 | Eavesdrop evaluation time. Eavesdrop is automatically started (and restarted) when each ring ends. It is automatically deactivated after this time. | 1 sec (10 sec to 120 sec) | All countries | 60 |
| 20 | CNG tone minimum ON time is the minimum time a CNG tone must be present for the tone sequence to be valid. | 1 ms (100 ms to 1000 ms) | All countries | 400 |
| 21 | CNG tone maximum ON time is the maximum time a CNG tone can be present for the tone sequence to be valid. | 1 ms (100 ms to 1000 ms) | All countries | 600 |
| 22 | CNG tone minimum OFF time is the minimum period of silence that must exist between CNG tones for the tone sequence to be valid. | 1 ms (1000 ms to 15000 ms) | All countries | 2200 |
| 23 | CNG tone maximum OFF time. Maximum period of silence that can exist between CNG tones for the tone sequence to be valid. | 1 ms (1000 ms to 15000 ms) | All countries | 3600 |
| 24 | CNG tone maximum dropout time. Maximum duration of dropout, which can interrupt a CNG tone. If the dropout is less than this time, the CNG tone will be processed as a single continuous tone. | 1 ms (0 ms to 500 ms) | All countries | 100 |
| 25 | CNG tone minimum count. Minimum number of CNG tones that must be detected for an incoming fax to be detected. | 1 tone (1 tone to 15 tones) | All countries | 2 |
| 26 | CNG tone detect threshold. Sets the detection threshold for any received CNG tone. If the CNG tone is below this level it will not be detected. | -0.1 dBm (260 to 500, which is -26.0 to -50.0 dBm) | France All other countries | 450 350 |

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|----|---|--|---------------|------|
| 27 | CNG filter bandwidth. Tone filter bandwidth used for CNG tone detection. | 20 = 20 Hz 40 = 40 Hz 60 = 60 Hz 80 = 80 Hz | All countries | 60 |
| 28 | CNG sidetone frequencies. Indicates the frequency combination that is used to identify CNG sidetones. | 1 = 1 2 = 2 3 = 1 and 2 5 = 1 or 2 | All countries | 3 |
| 29 | CNG sidetone frequency 1. The presence of sidetones may indicate that the current signal is not a valid CNG signal. | 1 Hz (300 Hz to 2100 Hz) | All countries | 1000 |
| 30 | CNG sidetone frequency 2. The presence of sidetones may indicate that the current signal is not a valid CNG signal. | 1 Hz (300 Hz to 2100 Hz) | All countries | 1300 |
| 31 | CNG sidetone frequency 1 bandwidth. Tone filter bandwidth used for CNG tone detection. | 20 = 20 Hz 40 = 40 Hz 60 = 60 Hz 80 = 80 Hz | All countries | 40 |
| 32 | CNG sidetone frequency 2 bandwidth. Tone filter bandwidth used for CNG tone detection. | 20 = 20 Hz 40 = 40 Hz 60 = 60 Hz 80 = 80 Hz | All countries | 40 |
| 33 | Silence detect time minimum. An incoming fax will be detected if this period of silence is detected. Silent detection is only intended to apply to downstream TAMs. Silent detection will only start after an OGM has been detected and if downstream activity is detected. | 1 ms (1000 ms to 15000 ms) | All countries | 3000 |
| 34 | Silence detect noise time. Minimum time noise must be detected for the OGM to be considered present. Once the OGM is detected, silence detected is started. | 1 ms (1000 ms to 15000 ms) | All countries | 1000 |
| 35 | DTMF code first char. First digit of the 3-digit DTMF start sequence used to start a fax receive session when in manual receive mode. The DTMF code may be entered from either a parallel or a downstream telephone. This feature is active only when extension phone is enabled. | 35 = "#" 42 = "*" 48 = "0" 49 = "1" 50 = "2" 51 = "3" 52 = "4" 53 = "5" 54 = "6" 55 = "7" 56 = "8" 57 = "9" | All countries | 49 |
| 36 | DTMF code second char. Second digit of the DTMF start sequence used to start a fax receive. | Units: same as parameter 35 | All countries | 50 |

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|----|---|-----------------------------|---------------|----|
| 37 | DTMF code third char. Third digit of the DTMF start sequence used to start a fax receive. | Units: same as parameter 35 | All countries | 51 |
|----|---|-----------------------------|---------------|----|

Connection establishment

| <u>Parameter</u> | <u>Description</u> | <u>Units</u> | <u>Country</u> | <u>Default</u> |
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|----|---|-------------------------|-------------|------|
| 38 | Off hook delay time. Specifies the minimum time between the completion of an outgoing or incoming call and the automatic dialing of the next outgoing call. | 1 ms (0 ms to 15000 ms) | Argentina | 5000 |
| | | | Australia | 5000 |
| | | | Austria | 5000 |
| | | | Belgium | 5000 |
| | | | Canada | 5000 |
| | | | China | 5000 |
| | | | Denmark | 5000 |
| | | | Finland | 7000 |
| | | | France | 6500 |
| | | | Germany | 7000 |
| | | | Greece | 5000 |
| | | | Hong Kong | 5000 |
| | | | Hungary | 5000 |
| | | | Ireland | 3500 |
| | | | Israel | 5000 |
| | | | Italy | 5000 |
| | | | Korea | 5000 |
| | | | Malaysia | 5000 |
| | | | Mexico | 5000 |
| | | | Netherlands | 7000 |
| | | | New Zealand | 5000 |
| | | | Norway | 7000 |
| | | | Poland | 5000 |
| | | | Portugal | 5000 |
| | | | Russia | 7000 |
| | | | Singapore | 5000 |
| | | | Spain | 5000 |
| | | | Sweden | 7000 |
| | | | Switzerland | 5000 |
| | | | Taiwan | 5000 |
| | | | Ukraine | 7000 |
| | | | U.K. | 3500 |
| | | | U.S. | 5000 |

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|----|--|------------------------|-------------|------|
| 39 | Pre OFF hook shunt. Defines the time the LIU shunt will be active. The shunt is activated just as the device goes OFF hook. Not supported by all LIUs. | 1 ms (0 ms to 1000 ms) | Argentina | 0 |
| | | | Australia | 0 |
| | | | Austria | 1000 |
| | | | Belgium | 1000 |
| | | | Canada | 0 |
| | | | China | 0 |
| | | | Denmark | 1000 |
| | | | Finland | 1000 |
| | | | France | 1000 |
| | | | Germany | 1000 |
| | | | Greece | 1000 |
| | | | Hong Kong | 0 |
| | | | Hungary | 0 |
| | | | Ireland | 1000 |
| | | | Israel | 0 |
| | | | Italy | 1000 |
| | | | Korea | 0 |
| | | | Malaysia | 0 |
| | | | Mexico | 0 |
| | | | Netherlands | 1000 |
| | | | New Zealand | 0 |
| | | | Norway | 1000 |
| | | | Poland | 0 |
| | | | Portugal | 1000 |
| | | | Russia | 0 |
| | | | Singapore | 0 |
| | | | Spain | 1000 |
| | | | Sweden | 1000 |
| | | | Switzerland | 1000 |
| | | | Taiwan | 0 |
| | | | Ukraine | 0 |
| | | | U.K. | 1000 |
| | | | U.S. | 0 |

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|-------------|---|--------------------------|-----------------------------------|------------------|
| 40 | Modem loop current test enable. Controls if a modem loop current test is performed after the LaserJet 3200 has connected to the external line and before automatic dialing is started. If TRUE, the 3200 will test for the presence of loop current after going OFF hook prior to dialing. If loop current is not detected, the fax session is aborted. | 0 = False 1 = True | All countries | 0 |
| 41 | Modem loop current detection time minimum. Minimum time that continuous modem loop current must be present when the machine first connects and a loop current test is performed. Also, this is the minimum time that loop current must be absent once dialing has completed, when performing the loop current failure test. | 1 ms (0 ms to 15000 ms) | All countries | 0 |
| 42 | Modem loop current evaluation time. Maximum time the machine will wait for loop current before dialing when performing a loop current test. | 1 ms (0 ms to 15000 ms) | All countries | 0 |
| 43 | Telset loop current test enable. Controls whether a telset loop current test is performed before the LaserJet 3200 is connected to the external line. The presence of loop current would indicate that a downstream telephone is active. If TRUE, the machine will check for telset loop current. | 0 = False 1 = True | All countries | 1 |
| 44 | Telset loop current minimum on time. Minimum time that continuous telset loop current must be present to be evaluated as present. Once present, the line is considered unavailable. | 1 ms (50 ms to 15000 ms) | All countries | 50 mS |
| 45 | Telset loop current minimum off time. Minimum time that continuous telset loop current must be absent to be evaluated as absent. Once absent, the line is considered available. | 1 ms (50 ms to 15000 ms) | France All Other countries | 5000 1000 |
| 46 Obsolete | Line type. Determines the type of telephone line that the HP LaserJet 3200 is connected to. This can either be the public switched telephone network (PSTN) or a private branch exchange (PBX). The different selections cause the device to make different checks for dial tone. | 0=PSTN 1=PBX | All countries | 0 |

Pause control

| Parameter | Description | Units | Country | Default |
|-----------|-------------|-------|---------|---------|
|-----------|-------------|-------|---------|---------|

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|-----------------------|--|--|--|---------------------|
| 47 | PSTN pre dial pause mode. Specifies what type of pause the LaserJet 3200 will perform before dialing when configured for PSTN operation. If BLIND WAIT, the unit will look for a dial tone and dial immediately if detected, or will dial after the blind dial delay time has elapsed. If CHECK FOR TONE, a PSTN dial tone must be detected before dialing. The value 2 is no longer used. | 0 = Blind Wait 1 = Check for tone 2 = Check for special tone | France Hungary All other countries | 1 1 0 |
| 48 Obsolete | PBX pre dial pause mode. Specifies what type of pause the LaserJet 3200 will perform before dialing when configured for PBX operation. If BLIND WAIT, the device will delay PBX WAIT BEFORE BLIND DIALING before dialing. If CHECK FOR TONE, it will attempt to detect a PSTN dial tone. If CHECK FOR SPECIAL TONE, it will attempt to detect a special tone. The default value is 0 for all countries. The value 2 is no longer used. | 0 = Blind Wait 1 = Check for tone 2 = Check for special tone | | |

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|----|---|---------------------------|-------------|------|
| 49 | PSTN blind dial wait time. Delay from OFF hook to the start of dialing when blind dialing, no dial tone is detected, and the unit is configured for PSTN operation. | 1 ms (500 ms to 15000 ms) | Argentina | 3000 |
| | | | Australia | 2200 |
| | | | Austria | 3000 |
| | | | Belgium | 3000 |
| | | | Canada | 3000 |
| | | | China | 3200 |
| | | | Denmark | 3000 |
| | | | Finland | 3500 |
| | | | France | 2000 |
| | | | Germany | 2500 |
| | | | Greece | 3000 |
| | | | Hong Kong | 3000 |
| | | | Hungary | 3000 |
| | | | Ireland | 3500 |
| | | | Israel | 3000 |
| | | | Italy | 3000 |
| | | | Korea | 3000 |
| | | | Malaysia | 3000 |
| | | | Mexico | 3000 |
| | | | Netherlands | 5000 |
| | | | New Zealand | 2200 |
| | | | Norway | 3000 |
| | | | Poland | 3000 |
| | | | Portugal | 3500 |
| | | | Russia | 2500 |
| | | | Singapore | 3000 |
| | | | Spain | 3000 |
| | | | Sweden | 5000 |
| | | | Switzerland | 3500 |
| | | | Taiwan | 3000 |
| | | | Ukraine | 2500 |
| | | | U.K. | 3500 |
| | | | U.S. | 3000 |

| | | | | |
|-----------------------|---|-------------------------|-------------|------|
| 50 Obsolete | PBX blind dial wait time. The delay from OFF hook to the start of dialing when blind dialing, no dial tone is detected, and the unit is configured for PBX operation. | 1 ms (0 ms to 15000 ms) | Argentina | 2000 |
| | | | Australia | 2000 |
| | | | Austria | 2000 |
| | | | Belgium | 2000 |
| | | | Canada | 2000 |
| | | | China | 2000 |
| | | | Denmark | 2000 |
| | | | Finland | 5000 |
| | | | France | 2000 |
| | | | Germany | 3000 |
| | | | Greece | 2000 |
| | | | Hong Kong | 2000 |
| | | | Hungary | 2000 |
| | | | Ireland | 2000 |
| | | | Israel | 2000 |
| | | | Italy | 2000 |
| | | | Korea | 2000 |
| | | | Malaysia | 2000 |
| | | | Mexico | 2000 |
| | | | Netherlands | 3500 |
| | | | New Zealand | 2000 |
| | | | Norway | 3500 |
| | | | Poland | 2000 |
| | | | Portugal | 2000 |
| | | | Russia | 3000 |
| | | | Singapore | 2000 |
| | | | Spain | 2000 |
| | | | Sweden | 3500 |
| | | | Switzerland | 2000 |
| | | | Taiwan | 2000 |
| | | | Ukraine | 3000 |
| | | | U.K. | 2000 |
| | | | U.S. | 2000 |

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|----|---|--------------------------------|-----------------------------------|------------------|
| 51 | Time of each pause. Duration of the delay when pause characters in a dial string are interpreted as delays. | 1 ms (500 ms to 8000 ms) | France All other countries | 2000 3000 |
| 52 | Number of user entered pauses allowed. Maximum number of pauses that a user can enter in a dial string. | 1 pause (1 pause to 36 pauses) | All countries | 36 |

Dial tone detection

| <u>Parameter</u> | <u>Description</u> | <u>Units</u> | <u>Country</u> | <u>Default</u> |
|------------------|--------------------|--------------|----------------|----------------|
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|----|--|----------------------------|-------------|-------|
| 53 | PSTN dial tone evaluation time. Maximum total time that the LaserJet 3200 will wait for PSTN dial tone. | 1 ms (1000 ms to 30000 ms) | Argentina | 10000 |
| | | | Australia | 5000 |
| | | | Austria | 10000 |
| | | | Belgium | 10000 |
| | | | Canada | 10000 |
| | | | China | 10000 |
| | | | Denmark | 10000 |
| | | | Finland | 18000 |
| | | | France | 10000 |
| | | | Germany | 15000 |
| | | | Greece | 10000 |
| | | | Hong Kong | 10000 |
| | | | Hungary | 10000 |
| | | | Ireland | 8000 |
| | | | Israel | 10000 |
| | | | Italy | 10000 |
| | | | Korea | 10000 |
| | | | Malaysia | 10000 |
| | | | Mexico | 10000 |
| | | | Netherlands | 18000 |
| | | | New Zealand | 5000 |
| | | | Norway | 15000 |
| | | | Poland | 10000 |
| | | | Portugal | 10000 |
| | | | Russia | 15000 |
| | | | Singapore | 10000 |
| | | | Spain | 10000 |
| | | | Sweden | 18000 |
| | | | Switzerland | 10000 |
| | | | Taiwan | 10000 |
| | | | Ukraine | 15000 |
| | | | U.K. | 8000 |
| | | | U.S. | 10000 |

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|----|--|--|--|--|
| 54 | PSTN dial tone detect frequencies. Indicates the frequency combination that is used to identify a PSTN dial tone. | 1 = 1 2 = 2 3 = 1 and 2 5 = 1 or 2 6 = 1 or 2 or 3 | Germany Netherlands All other countries | 6 6 5 |
| 55 | PSTN dial tone detection time minimum. Indicates the total time a PSTN dial tone sequence must be present for a PSTN dial tone to be detected. | 1 ms (100 ms 15000 ms) | Australia Belgium Finland France Netherlands Portugal Spain Sweden All other countries | 200 700 1500 1800 1500 950 1200 1500 500 |
| 56 | PSTN dial tone minimum on time. This is the minimum duration of a cadenced PSTN dial tone must be present for a cadenced sequence to be valid. | 1 ms (0 ms to 20000 ms) | All countries | 0 |
| 57 | PSTN dial tone maximum on time. Maximum duration a cadenced PSTN dial tone can be present for a cadenced sequence to be valid. The dial tone is continuous. | 1 ms (0 ms to 4000 ms) | All countries | 0 |
| 58 | PSTN dial tone minimum off time. The minimum period of silence that must exist between cadenced PSTN dial tones if the tone sequence is to be valid. | 1 ms (0 ms to 2000 ms) | All countries | 0 |
| 59 | PSTN dial tone maximum off time. Maximum period of silence that can exist between cadenced PSTN dial tones if the tone sequence is to be valid. | 1 ms (0 ms to 2000 ms) | Spain All other countries | 200 0 |

| | | | | |
|----|--|---|-------------|-----|
| 60 | PSTN dial tone detect threshold. Sets the detection threshold for a PSTN dial tone. If below this level, the PSTN tone will not be detected. | -0.1 dBm (260 to 510 which is -26.0 to -51.0 dBm) | Argentina | 320 |
| | | | Australia | 320 |
| | | | Austria | 320 |
| | | | Belgium | 320 |
| | | | Canada | 320 |
| | | | China | 450 |
| | | | Denmark | 320 |
| | | | Finland | 400 |
| | | | France | 400 |
| | | | Germany | 350 |
| | | | Greece | 320 |
| | | | Hong Kong | 320 |
| | | | Hungary | 320 |
| | | | Ireland | 320 |
| | | | Israel | 320 |
| | | | Italy | 320 |
| | | | Korea | 320 |
| | | | Malaysia | 320 |
| | | | Mexico | 320 |
| | | | Netherlands | 280 |
| | | | New Zealand | 320 |
| | | | Norway | 320 |
| | | | Poland | 320 |
| | | | Portugal | 380 |
| | | | Russia | 350 |
| | | | Singapore | 320 |
| | | | Spain | 350 |
| | | | Sweden | 400 |
| | | | Switzerland | 320 |
| | | | Taiwan | 320 |
| | | | Ukraine | 350 |
| | | | U.K. | 320 |
| | | | U.S. | 320 |

| | | | | |
|-----------------------|--|--|--|--|
| 61 | PSTN dial tone frequency 1. The center frequency for the first component of the PSTN dial tone. | 1 Hz (300 Hz to 700 Hz) | Australia Germany Hungary Netherlands All other countries | 380 410 370 300 350 |
| 62 | PSTN dial tone frequency 2. Center frequency for the second component of the PSTN dial tone. | 1 Hz (0 Hz to 700 Hz) | Australia Germany Hungary Netherlands Spain All other countries | 470 435 470 400 450 440 |
| 63 | PSTN dial tone frequency 3. Center frequency for the third component of the PSTN dial tone. | 1 Hz (0 Hz to 700 Hz) | Germany Netherlands All other countries | 460 500 0 |
| 64 | PSTN dial tone frequency 1 bandwidth. Tone filter bandwidth used for dial tone detection. | 20 = 20 Hz 40 = 40 Hz 60 = 60 Hz 80 = 80 Hz 100 = 100 Hz 200 = 200 Hz | All countries | 100 |
| 65 | PSTN dial tone frequency 2 bandwidth. Tone filter bandwidth used for dial tone detection. | Units: same as parameter 64 | New Zealand All other countries | 0 100 |
| 66 | PSTN dial tone frequency 3 bandwidth. Tone filter bandwidth used for dial tone detection. | Units: same as parameter 64 | Germany Netherlands All other countries | 100 100 0 |
| 67 Obsolete | SPCL dial tone evaluation time. Maximum total time that the LaserJet 3200 will wait for special dial tone. | 1 ms (0 ms to 30000 ms) | Ireland U.K. All other countries | 8000 8000 0 |

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|-----------------------|--|--|--|---------------------------|
| 68 Obsolete | Special dial tone detect. Indicates the frequency combination that is used to identify a special dial tone. | 0 = no freq. 1 = 1 2=2 3=1 and 2 5=1 or 2 6=1 or 2 or 3 | Ireland U.K. All other countries | 1 1 0 |
| 69 Obsolete | Special dial tone detection time minimum. The total time a special dial tone sequence must be present for a special dial tone to be detected. | 1 ms (0 ms to 15000 ms) | Ireland U.K. All other countries | 1000 1000 0 |
| 70 Obsolete | Special dial tone minimum on time. Minimum duration a cadenced special dial tone must be present for the cadenced sequence to be valid. | 1 ms (0 ms to 2000 ms) | All countries | 0 |
| 71 Obsolete | Special dial tone maximum on time. Maximum duration a cadenced special dial tone can be present for a cadenced sequence to be valid. | 1 ms (0 ms to 4000 ms) | All countries | 0 |
| 72 Obsolete | Special dial tone minimum off time. Minimum period of silence that must exist between cadenced special tones if the tone sequence is to be valid. | 1 ms (0 ms to 2000 ms) | All countries | 0 |
| 73 Obsolete | Special dial tone maximum off time. Maximum period of silence that can exist between cadenced special tones if the tone sequence is to be valid. | 1 ms (0 ms to 2000 ms) | All countries | 0 |
| 74 Obsolete | Special dial tone detect threshold. Sets the detection threshold for special dial tones. If the special dial tone is below this level it will not be detected. | 1 (0 to 510) | Ireland U.K. All other countries | 350 350 0 |
| 75 Obsolete | Special dial tone frequency 1. Center frequency for the first component of the special dial tone. | 1 Hz (0 Hz to 700 Hz) | Ireland U.K. All other countries | 1111 1111 0 |
| 76 Obsolete | Special dial tone frequency 2. Center frequency for the second component of the special dial tone. | 1 Hz (0 Hz to 700 Hz) | All countries | 0 |

| | | | | |
|-------------|---|-----------------------------|--|-----------------------|
| 77 Obsolete | Special dial tone frequency 3. Center frequency for the third component of the special dial tone. | 1 Hz (0 Hz to 700 Hz) | Ireland U.K. All other countries | 80 80 0 |
| 78 Obsolete | SPCL dial tone frequency 1 bandwidth. Tone filter bandwidth used for special dial tone detection. | 20 = 20 Hz 40 = 40 Hz | All countries | 0 |
| 79 Obsolete | SPCL dial tone frequency 2 bandwidth. Tone filter bandwidth used for special dial tone detection. | Units: same as parameter 78 | All countries | 0 |
| 80 Obsolete | SPCL dial tone frequency 3 bandwidth. Tone filter bandwidth used for special dial tone detection. | Units: same as parameter 78 | All countries | 0 |

Dialing

| Parameter | Description | Units | Country | Default |
|-----------|---|-----------------------|---------------|---------|
| 81 | <p>PSTN signaling. Indicates which type of signaling is used for dialing. This parameter is set by the user from the Dialing menu. If parameter 104 (pulse dial disable) is set, the user menu item to change this parameter will not show up in the Dialing menu.</p> <p>Pulse dialing should not be enabled for Australia or New Zealand, as the LJ 3200 does not meet regulatory pulse dialing requirements in those countries.</p> | 0 = DTMF 1 = Pulse | All countries | 0 |

| | | | | |
|----|---|------------------------|-------------|-----|
| 82 | Pre dial shunt. The duration that the dial shunt relay is activated prior to pulse dialing the first digit in a dial string. Not present on all LIUs. | 1 ms (0 ms to 1000 ms) | Argentina | 0 |
| | | | Australia | 0 |
| | | | Austria | 250 |
| | | | Belgium | 250 |
| | | | Canada | 0 |
| | | | China | 0 |
| | | | Denmark | 250 |
| | | | Finland | 250 |
| | | | France | 250 |
| | | | Germany | 250 |
| | | | Greece | 250 |
| | | | Hong Kong | 0 |
| | | | Hungary | 0 |
| | | | Ireland | 250 |
| | | | Israel | 0 |
| | | | Italy | 250 |
| | | | Korea | 0 |
| | | | Malaysia | 0 |
| | | | Mexico | 0 |
| | | | Netherlands | 250 |
| | | | New Zealand | 0 |
| | | | Norway | 250 |
| | | | Poland | 0 |
| | | | Portugal | 250 |
| | | | Russia | 0 |
| | | | Singapore | 0 |
| | | | Spain | 250 |
| | | | Sweden | 250 |
| | | | Switzerland | 250 |
| | | | Taiwan | 0 |
| | | | Ukraine | 0 |
| | | | U.K. | 250 |
| | | | U.S. | 0 |

| | | | | |
|----|--|------------------------|-------------|-----|
| 83 | Post dial shunt. The duration that the dial shunt relay remains active after the pulse dialing the last digit in a dial string. Not present on all LIUs. | 1 ms (0 ms to 1000 ms) | Argentina | 0 |
| | | | Australia | 0 |
| | | | Austria | 250 |
| | | | Belgium | 250 |
| | | | Canada | 0 |
| | | | China | 0 |
| | | | Denmark | 250 |
| | | | Finland | 250 |
| | | | France | 250 |
| | | | Germany | 250 |
| | | | Greece | 250 |
| | | | Hong Kong | 0 |
| | | | Hungary | 0 |
| | | | Ireland | 250 |
| | | | Israel | 0 |
| | | | Italy | 250 |
| | | | Korea | 0 |
| | | | Malaysia | 0 |
| | | | Mexico | 0 |
| | | | Netherlands | 250 |
| | | | New Zealand | 0 |
| | | | Norway | 250 |
| | | | Poland | 0 |
| | | | Portugal | 250 |
| | | | Russia | 0 |
| | | | Singapore | 0 |
| | | | Spain | 250 |
| | | | Sweden | 250 |
| | | | Switzerland | 250 |
| | | | Taiwan | 0 |
| | | | Ukraine | 0 |
| | | | U.K. | 250 |
| | | | U.S. | 0 |

| | | | | |
|----|---|------------------------|-------------|----|
| 84 | Dial pulse break time. The duration that the dial pulse relay will be opened to cause a break of loop current during pulse dialing. | 1 ms (10 ms to 100 ms) | Argentina | 67 |
| | | | Australia | 67 |
| | | | Austria | 60 |
| | | | Belgium | 67 |
| | | | Canada | 60 |
| | | | China | 62 |
| | | | Denmark | 60 |
| | | | Finland | 61 |
| | | | France | 66 |
| | | | Germany | 60 |
| | | | Greece | 62 |
| | | | Hong Kong | 67 |
| | | | Hungary | 67 |
| | | | Ireland | 67 |
| | | | Israel | 60 |
| | | | Italy | 60 |
| | | | Korea | 66 |
| | | | Malaysia | 67 |
| | | | Mexico | 67 |
| | | | Netherlands | 61 |
| | | | New Zealand | 67 |
| | | | Norway | 60 |
| | | | Poland | 67 |
| | | | Portugal | 67 |
| | | | Russia | 60 |
| | | | Singapore | 67 |
| | | | Spain | 67 |
| | | | Sweden | 61 |
| | | | Switzerland | 67 |
| | | | Taiwan | 67 |
| | | | Ukraine | 60 |
| | | | U.K. | 67 |
| | | | U.S. | 60 |

| | | | | |
|----|---|------------------------|-------------|----|
| 85 | Dial pulse make time. The duration that the dial pulse relay will be closed to cause a make of loop current during pulse dialing. | 1 ms (10 ms to 100 ms) | Argentina | 33 |
| | | | Australia | 33 |
| | | | Austria | 40 |
| | | | Belgium | 33 |
| | | | Canada | 40 |
| | | | China | 38 |
| | | | Denmark | 40 |
| | | | Finland | 39 |
| | | | France | 32 |
| | | | Germany | 40 |
| | | | Greece | 38 |
| | | | Hong Kong | 33 |
| | | | Hungary | 33 |
| | | | Ireland | 33 |
| | | | Israel | 40 |
| | | | Italy | 40 |
| | | | Korea | 34 |
| | | | Malaysia | 33 |
| | | | Mexico | 33 |
| | | | Netherlands | 39 |
| | | | New Zealand | 33 |
| | | | Norway | 40 |
| | | | Poland | 33 |
| | | | Portugal | 33 |
| | | | Russia | 40 |
| | | | Singapore | 33 |
| | | | Spain | 33 |
| | | | Sweden | 39 |
| | | | Switzerland | 33 |
| | | | Taiwan | 33 |
| | | | Ukraine | 40 |
| | | | U.K. | 33 |
| | | | U.S. | 40 |

| | | | | |
|----|--|--------------------------|---------------------|-----|
| 86 | Dial pulse inter-digit time. The duration between digits when pulse dialing, measured from the end of the last make to the start of the first break of the next digit. | 1 ms (400 ms to 1500 ms) | Argentina | 850 |
| | | | Austria | 850 |
| | | | France | 900 |
| | | | Mexico | 850 |
| | | | Russia | 500 |
| | | | Ukraine | 500 |
| | | | All other countries | 800 |

| | | | | |
|----|---|------------------------|-------------|-----|
| 87 | DTMF duration and interdigit time. Duration of each DTMF signal and the duration of the interdigit silence. | 1 ms (40 ms to 200 ms) | Argentina | 70 |
| | | | Australia | 85 |
| | | | Austria | 90 |
| | | | Belgium | 90 |
| | | | Canada | 70 |
| | | | China | 70 |
| | | | Denmark | 90 |
| | | | Finland | 90 |
| | | | France | 90 |
| | | | Germany | 90 |
| | | | Greece | 90 |
| | | | Hong Kong | 70 |
| | | | Hungary | 80 |
| | | | Ireland | 90 |
| | | | Israel | 70 |
| | | | Italy | 90 |
| | | | Korea | 100 |
| | | | Malaysia | 70 |
| | | | Mexico | 70 |
| | | | Netherlands | 90 |
| | | | New Zealand | 85 |
| | | | Norway | 90 |
| | | | Poland | 80 |
| | | | Portugal | 90 |
| | | | Russia | 90 |
| | | | Singapore | 70 |
| | | | Spain | 150 |
| | | | Sweden | 90 |
| | | | Switzerland | 85 |
| | | | Taiwan | 70 |
| | | | Ukraine | 90 |
| | | | U.K. | 90 |
| | | | U.S. | 70 |

| | | | | |
|----|---|-------------------------|-------------|-----|
| 88 | Open flash time. Controls the duration of the open flash when the LaserJet 3200 is configured to produce this flash type. | 1 ms (50 ms to 2000 ms) | Argentina | 800 |
| | | | Australia | 800 |
| | | | Austria | 110 |
| | | | Belgium | 110 |
| | | | Canada | 800 |
| | | | China | 800 |
| | | | Denmark | 110 |
| | | | Finland | 110 |
| | | | France | 270 |
| | | | Germany | 110 |
| | | | Greece | 110 |
| | | | Hong Kong | 110 |
| | | | Hungary | 110 |
| | | | Ireland | 110 |
| | | | Israel | 800 |
| | | | Italy | 110 |
| | | | Korea | 800 |
| | | | Malaysia | 110 |
| | | | Mexico | 800 |
| | | | Netherlands | 110 |
| | | | New Zealand | 800 |
| | | | Norway | 110 |
| | | | Poland | 110 |
| | | | Portugal | 110 |
| | | | Russia | 110 |
| | | | Singapore | 110 |
| | | | Spain | 110 |
| | | | Sweden | 110 |
| | | | Switzerland | 110 |
| | | | Taiwan | 110 |
| | | | Ukraine | 110 |
| | | | U.K. | 110 |
| | | | U.S. | 800 |

| | | | | |
|----|--|--------------------------|-------------|-----|
| 89 | Phone inactivity abort timer. Specifies the time from end of dialing until the unit disconnects if no response is detected from the answering machine. (Note: This parameter is active when the T30 inactivity abort timer, parameter 131, is active. Change parameter 131 also when this parameter is changed.) | 1 sec (0 sec to 255 sec) | Argentina | 59 |
| | | | Australia | 60 |
| | | | Austria | 59 |
| | | | Belgium | 59 |
| | | | Canada | 59 |
| | | | China | 49 |
| | | | Denmark | 59 |
| | | | Finland | 59 |
| | | | France | 140 |
| | | | Germany | 80 |
| | | | Greece | 59 |
| | | | Hong Kong | 59 |
| | | | Hungary | 59 |
| | | | Ireland | 55 |
| | | | Israel | 59 |
| | | | Italy | 59 |
| | | | Korea | 45 |
| | | | Malaysia | 59 |
| | | | Mexico | 59 |
| | | | Netherlands | 59 |
| | | | New Zealand | 60 |
| | | | Norway | 59 |
| | | | Poland | 59 |
| | | | Portugal | 59 |
| | | | Russia | 80 |
| | | | Singapore | 59 |
| | | | Spain | 9 |
| | | | Sweden | 59 |
| | | | Switzerland | 59 |
| | | | Taiwan | 59 |
| | | | Ukraine | 80 |
| | | | U.K. | 55 |
| | | | U.S. | 59 |

Call progress

| Parameter | Description | Units | Country | Default |
|-----------|---|--|---------------|---------|
| 90 | Busy tone detect enable. If TRUE, busy tone detection is enabled at the completion of dialing. If FALSE, no busy tone will be detected and the call will either connect or fail due to no answer. | 0 = False 1 = True | All countries | 1 |
| 91 | Busy tone frequencies. Indicates the frequency combination that is used to identify the call progress tone. | 1 = 1 2 = 2 3 = 1 and 2 5 = 1 or 2 | All countries | 5 |

| | | | | |
|----|---|-------------------------|-------------|-----|
| 92 | Busy tone minimum on time. Minimum duration a call progress tone must be present for a cadenced sequence to be valid. | 1 ms (50 ms to 2000 ms) | Argentina | 150 |
| | | | Australia | 200 |
| | | | Austria | 150 |
| | | | Belgium | 150 |
| | | | Canada | 150 |
| | | | China | 150 |
| | | | Denmark | 150 |
| | | | Finland | 150 |
| | | | France | 150 |
| | | | Germany | 100 |
| | | | Greece | 150 |
| | | | Hong Kong | 150 |
| | | | Hungary | 150 |
| | | | Ireland | 200 |
| | | | Israel | 150 |
| | | | Italy | 150 |
| | | | Korea | 150 |
| | | | Malaysia | 150 |
| | | | Mexico | 150 |
| | | | Netherlands | 150 |
| | | | New Zealand | 200 |
| | | | Norway | 150 |
| | | | Poland | 150 |
| | | | Portugal | 150 |
| | | | Russia | 100 |
| | | | Singapore | 150 |
| | | | Spain | 150 |
| | | | Sweden | 150 |
| | | | Switzerland | 150 |
| | | | Taiwan | 150 |
| | | | Ukraine | 100 |
| | | | U.K. | 200 |
| | | | U.S. | 150 |

| | | | | |
|----|---|-------------------------|-------------|-------|
| 93 | Busy tone maximum on time. Maximum duration a call progress tone can be present for a cadenced sequence to be valid. | 1 ms (50 ms to 4000 ms) | Argentina | 750 |
| | | | Australia | 750 |
| | | | Austria | 700 |
| | | | Belgium | 700 |
| | | | Canada | 750 |
| | | | China | 750 |
| | | | Denmark | 700 |
| | | | Finland | 700 |
| | | | France | 700 |
| | | | Germany | 700 |
| | | | Greece | 700 |
| | | | Hong Kong | 700 |
| | | | Hungary | 700 |
| | | | Ireland | 600 |
| | | | Israel | 750 |
| | | | Italy | 700 |
| | | | Korea | 750 |
| | | | Malaysia | 800 |
| | | | Mexico | 750 |
| | | | Netherlands | 700 |
| | | | New Zealand | 750 |
| | | | Norway | 700 |
| | | | Poland | 700 |
| | | | Portugal | 700 |
| | | | Russia | 700 |
| | | | Singapore | 800 |
| | | | Spain | 50000 |
| | | | Sweden | 700 |
| | | | Switzerland | 700 |
| | | | Taiwan | 700 |
| | | | Ukraine | 700 |
| | | | U.K. | 600 |
| | | | U.S. | 750 |

| | | | | |
|----|---|------------------------|-------------|-----|
| 94 | Busy tone minimum off time. Minimum period of silence that must exist between cadenced call progress tones if the tone sequence is to be valid. | 1 ms (0 ms to 2000 ms) | Argentina | 150 |
| | | | Australia | 275 |
| | | | Austria | 150 |
| | | | Belgium | 150 |
| | | | Canada | 150 |
| | | | China | 150 |
| | | | Denmark | 150 |
| | | | Finland | 150 |
| | | | France | 150 |
| | | | Germany | 200 |
| | | | Greece | 150 |
| | | | Hong Kong | 150 |
| | | | Hungary | 150 |
| | | | Ireland | 290 |
| | | | Israel | 150 |
| | | | Italy | 150 |
| | | | Korea | 150 |
| | | | Malaysia | 150 |
| | | | Mexico | 150 |
| | | | Netherlands | 150 |
| | | | New Zealand | 275 |
| | | | Norway | 150 |
| | | | Poland | 150 |
| | | | Portugal | 150 |
| | | | Russia | 100 |
| | | | Singapore | 150 |
| | | | Spain | 150 |
| | | | Sweden | 150 |
| | | | Switzerland | 150 |
| | | | Taiwan | 150 |
| | | | Ukraine | 100 |
| | | | U.K. | 290 |
| | | | U.S. | 150 |

| | | | | |
|----|---|-------------------------|-------------|-----|
| 95 | Busy tone maximum off time. Maximum period of silence that can exist between cadenced call progress tones if the tone sequence is to be valid. | 1 ms (50 ms to 4000 ms) | Argentina | 750 |
| | | | Australia | 750 |
| | | | Austria | 700 |
| | | | Belgium | 700 |
| | | | Canada | 750 |
| | | | China | 750 |
| | | | Denmark | 700 |
| | | | Finland | 700 |
| | | | France | 700 |
| | | | Germany | 700 |
| | | | Greece | 700 |
| | | | Hong Kong | 700 |
| | | | Hungary | 700 |
| | | | Ireland | 600 |
| | | | Israel | 750 |
| | | | Italy | 700 |
| | | | Korea | 750 |
| | | | Malaysia | 800 |
| | | | Mexico | 750 |
| | | | Netherlands | 700 |
| | | | New Zealand | 750 |
| | | | Norway | 700 |
| | | | Poland | 700 |
| | | | Portugal | 700 |
| | | | Russia | 700 |
| | | | Singapore | 800 |
| | | | Spain | 700 |
| | | | Sweden | 700 |
| | | | Switzerland | 700 |
| | | | Taiwan | 700 |
| | | | Ukraine | 700 |
| | | | U.K. | 600 |
| | | | U.S. | 750 |

| | | | | |
|----|---|-----------------------|-------------|---|
| 96 | Complex impedance enable. Enables complex impedance mode when off hook. | 0 = False 1 = True | Argentina | 0 |
| | | | Australia | 1 |
| | | | Austria | 1 |
| | | | Belgium | 1 |
| | | | Canada | 0 |
| | | | China | 0 |
| | | | Denmark | 1 |
| | | | Finland | 1 |
| | | | France | 1 |
| | | | Germany | 1 |
| | | | Greece | 1 |
| | | | Hong Kong | 0 |
| | | | Hungary | 0 |
| | | | Ireland | 1 |
| | | | Israel | 0 |
| | | | Italy | 1 |
| | | | Korea | 0 |
| | | | Malaysia | 0 |
| | | | Mexico | 0 |
| | | | Netherlands | 1 |
| | | | New Zealand | 1 |
| | | | Norway | 1 |
| | | | Poland | 0 |
| | | | Portugal | 1 |
| | | | Russia | 0 |
| | | | Singapore | 0 |
| | | | Spain | 1 |
| | | | Sweden | 1 |
| | | | Switzerland | 1 |
| | | | Taiwan | 0 |
| | | | Ukraine | 0 |
| | | | U.K. | 1 |
| | | | U.S. | 0 |

| | | | | |
|----|--|-------------------------|-------------|-----|
| 97 | Busy tone frequency 1. The center frequency for the first component of the call progress tone. | 1 Hz (300 Hz to 700 Hz) | Argentina | 620 |
| | | | Australia | 400 |
| | | | Austria | 400 |
| | | | Belgium | 400 |
| | | | Canada | 620 |
| | | | China | 620 |
| | | | Denmark | 400 |
| | | | Finland | 400 |
| | | | France | 400 |
| | | | Germany | 400 |
| | | | Greece | 400 |
| | | | Hong Kong | 400 |
| | | | Hungary | 370 |
| | | | Ireland | 400 |
| | | | Israel | 620 |
| | | | Italy | 400 |
| | | | Korea | 620 |
| | | | Malaysia | 400 |
| | | | Mexico | 620 |
| | | | Netherlands | 390 |
| | | | New Zealand | 400 |
| | | | Norway | 400 |
| | | | Poland | 350 |
| | | | Portugal | 325 |
| | | | Russia | 400 |
| | | | Singapore | 400 |
| | | | Spain | 400 |
| | | | Sweden | 400 |
| | | | Switzerland | 400 |
| | | | Taiwan | 400 |
| | | | Ukraine | 400 |
| | | | U.K. | 400 |
| | | | U.S. | 620 |

| | | | | |
|----|---|-----------------------|-------------|-----|
| 98 | Busy tone frequency 2. The center frequency for the second component of the call progress tone. | 1 Hz (0 Hz to 700 Hz) | Argentina | 480 |
| | | | Australia | 500 |
| | | | Austria | 500 |
| | | | Belgium | 500 |
| | | | Canada | 480 |
| | | | China | 480 |
| | | | Denmark | 500 |
| | | | Finland | 500 |
| | | | France | 500 |
| | | | Germany | 500 |
| | | | Greece | 500 |
| | | | Hong Kong | 500 |
| | | | Hungary | 470 |
| | | | Ireland | 500 |
| | | | Israel | 480 |
| | | | Italy | 500 |
| | | | Korea | 480 |
| | | | Malaysia | 500 |
| | | | Mexico | 480 |
| | | | Netherlands | 490 |
| | | | New Zealand | 500 |
| | | | Norway | 500 |
| | | | Poland | 450 |
| | | | Portugal | 425 |
| | | | Russia | 500 |
| | | | Singapore | 500 |
| | | | Spain | 500 |
| | | | Sweden | 500 |
| | | | Switzerland | 500 |
| | | | Taiwan | 500 |
| | | | Ukraine | 500 |
| | | | U.K. | 500 |
| | | | U.S. | 480 |

| | | | | |
|-----|---|--|--|---|
| 99 | Busy tone frequency 1 bandwidth. Tone filter bandwidth used for busy tone detection. | 20 = 20 Hz 40 = 40 Hz 60 = 60 Hz 80 = 80 Hz 100 = 100 Hz 200 = 200 Hz | Argentina Canada China Israel Korea Mexico U.S. All other countries | 200 200 200 200 200 200 100 |
| 100 | Busy tone frequency 2 bandwidth. Tone filter bandwidth used for busy tone detection. | Units: Same as parameter 99. | Argentina Canada China Israel Korea Mexico U.S. All other countries | 200 200 200 200 200 200 100 |
| 101 | Busy tone detect time minimum. Disconnect if busy detected. Specifies the duration a busy sequence must be detected. If a valid busy sequence is detected the call is aborted. | 1 ms (1000 ms to 30000 ms) | France All other countries | 6000 10000 |
| 102 | CED and busy detect threshold. Sets the detection threshold for the CED and busy tone. If the CED or busy tone is below this level, it will not be detected. | -0.1 dBm (260 to 510, which is -26.0 to -51.0 dBm) | France All other countries | 430 (-43.0 dBm) 470 (-47.0 dBm) |
| 103 | Eavesdrop tone filter gain. Gain applied to the CNG signal to improve detection over an OGM. This parameter is only used when SILENCE DETECT ENABLE is set to FALSE. | 0.1 dBm (0 to 150) | All countries | 0 (0 dBm) |

| | | | | |
|-----|--|-----------------------|---|-------------|
| 104 | Pulse dial disable. Removes the dialing mode menu item from the fax send setup user menu, so the user cannot select pulse dial mode. The LaserJet 3200 does not meet pulse dialing regulatory requirements in Australia and New Zealand. | 0 = False 1 = True | Australia New Zealand All other countries | 1 1 0 |
| 105 | Spare 105. | N/A | All countries | 0 |

Modem configuration

| <u>Parameter</u> | <u>Description</u> | <u>Units</u> | <u>Country</u> | <u>Default</u> |
|------------------|--|---|----------------|----------------|
| 106 | Equalizer. Used to select the transmission compromise equalizer. | 0 = None 1 = Programmable 2 = Cable | All countries | 0 |

| | | | | |
|-----|---|--------------------|-------------|----|
| 107 | LIU receive loss. Specifies the LIU receive loss. The receive loss is introduced between the modem and the external telephone line interface jack. It is used to correctly adjust the internal modem receive level so that the receive level at the telephone line interface jack is as specified by MODEM MINIMUM CARRIER DETECTION LEVEL. | -0.1 dB (0 to 100) | Argentina | 50 |
| | | | Australia | 50 |
| | | | Austria | 30 |
| | | | Belgium | 30 |
| | | | Canada | 50 |
| | | | China | 50 |
| | | | Denmark | 30 |
| | | | Finland | 30 |
| | | | France | 30 |
| | | | Germany | 30 |
| | | | Greece | 30 |
| | | | Hong Kong | 50 |
| | | | Hungary | 50 |
| | | | Ireland | 30 |
| | | | Israel | 50 |
| | | | Italy | 30 |
| | | | Korea | 50 |
| | | | Malaysia | 50 |
| | | | Mexico | 50 |
| | | | Netherlands | 30 |
| | | | New Zealand | 50 |
| | | | Norway | 30 |
| | | | Poland | 50 |
| | | | Portugal | 30 |
| | | | Russia | 50 |
| | | | Singapore | 50 |
| | | | Spain | 30 |
| | | | Sweden | 30 |
| | | | Switzerland | 30 |
| | | | Taiwan | 50 |
| | | | Ukraine | 50 |
| | | | U.K. | 30 |
| | | | U.S. | 50 |

| | | | | |
|-----|---|--------------------|-------------|-----|
| 108 | LIU transmit loss. Specifies the LIU transmit loss. This transmission loss is introduced between the modem and the telephone line interface jack. It is used to correctly adjust the modem and DTMF transmit levels so that the level at the telephone line interface jack is as specified by the MODEM TRANSMIT LEVEL. | -0.1 dB (0 to 100) | Argentina | 80 |
| | | | Australia | 80 |
| | | | Austria | 113 |
| | | | Belgium | 113 |
| | | | Canada | 80 |
| | | | China | 80 |
| | | | Denmark | 113 |
| | | | Finland | 113 |
| | | | France | 113 |
| | | | Germany | 113 |
| | | | Greece | 113 |
| | | | Hong Kong | 80 |
| | | | Hungary | 80 |
| | | | Ireland | 113 |
| | | | Israel | 80 |
| | | | Italy | 113 |
| | | | Korea | 80 |
| | | | Malaysia | 80 |
| | | | Mexico | 80 |
| | | | Netherlands | 113 |
| | | | New Zealand | 80 |
| | | | Norway | 113 |
| | | | Poland | 80 |
| | | | Portugal | 113 |
| | | | Russia | 80 |
| | | | Singapore | 80 |
| | | | Spain | 113 |
| | | | Sweden | 113 |
| | | | Switzerland | 113 |
| | | | Taiwan | 80 |
| | | | Ukraine | 80 |
| | | | U.K. | 113 |
| | | | U.S. | 80 |

| | | | | |
|-----|--|---------------------|-------------|----|
| 109 | DTMF transmit level high group. The DTMF transmit level for the high group of frequencies in the DTMF tone pair. | -0.1 dBm (0 to 150) | Argentina | 60 |
| | | | Australia | 60 |
| | | | Austria | 80 |
| | | | Belgium | 80 |
| | | | Canada | 60 |
| | | | China | 60 |
| | | | Denmark | 80 |
| | | | Finland | 80 |
| | | | France | 80 |
| | | | Germany | 80 |
| | | | Greece | 80 |
| | | | Hong Kong | 60 |
| | | | Hungary | 60 |
| | | | Ireland | 80 |
| | | | Israel | 40 |
| | | | Italy | 80 |
| | | | Korea | 60 |
| | | | Malaysia | 75 |
| | | | Mexico | 60 |
| | | | Netherlands | 80 |
| | | | New Zealand | 60 |
| | | | Norway | 80 |
| | | | Poland | 60 |
| | | | Portugal | 80 |
| | | | Russia | 60 |
| | | | Singapore | 60 |
| | | | Spain | 80 |
| | | | Sweden | 80 |
| | | | Switzerland | 80 |
| | | | Taiwan | 60 |
| | | | Ukraine | 60 |
| | | | U.K. | 80 |
| | | | U.S. | 60 |

| | | | | |
|-----|--|-----------------------|--|---|
| 110 | DTMF transmit delta low group. The relative transmit level ("twist") of the low group of frequencies in the DTMF tone pair. | -0.1 dB (0 to 40) | Russia Ukraine All other countries | 30 (-3.0 dB) 30 (-3.0 dB) 20 (-2.0 dB) |
| 111 | Modem minimum carrier detection level. Specifies the minimum modem receive level that is presented from the PSTN at the external telephone interface jack. | -0.1 dBm (350 to 510) | Russia Ukraine All other countries | 430 (-43.0 dBm) 430 (-43.0 dBm) 440 (-44.0 dBm) |

| | | | | |
|-----|--|---------------------|-------------|-----|
| 112 | Tone transmit level. Specifies the CNG and CED tone level that is presented to the PSTN at the external telephone line interface jack. | -0.1 dBm (0 to 255) | Argentina | 100 |
| | | | Australia | 100 |
| | | | Austria | 105 |
| | | | Belgium | 105 |
| | | | Canada | 100 |
| | | | China | 100 |
| | | | Denmark | 105 |
| | | | Finland | 105 |
| | | | France | 105 |
| | | | Germany | 105 |
| | | | Greece | 105 |
| | | | Hong Kong | 100 |
| | | | Hungary | 100 |
| | | | Ireland | 105 |
| | | | Israel | 100 |
| | | | Italy | 105 |
| | | | Korea | 100 |
| | | | Malaysia | 100 |
| | | | Mexico | 100 |
| | | | Netherlands | 105 |
| | | | New Zealand | 100 |
| | | | Norway | 115 |
| | | | Poland | 100 |
| | | | Portugal | 105 |
| | | | Russia | 100 |
| | | | Singapore | 100 |
| | | | Spain | 105 |
| | | | Sweden | 105 |
| | | | Switzerland | 105 |
| | | | Taiwan | 100 |
| | | | Ukraine | 100 |
| | | | U.K. | 105 |
| | | | U.S. | 100 |

| | | | | |
|-----|---|---------------------|---|--------------------------|
| 113 | Data transmit level. Specifies the data transmit level that is presented to the PSTN at the external telephone line interface jack. The default value is 100 (-0.1 dBm) for all countries. | -0.1 dBm (0 to 255) | Norway Poland All other countries | 110 80 100 |
| 114 | V17 14400 EQM threshold. The Eye Quality Monitor measures the received signal quality. When the EQM exceeds the threshold set here during training (TCF), the modem drops to a lower speed. Consult the Modem Designer's Guide before changing any of the EQM thresholds. | 1 (0 to 65535) | All countries | 48 |
| 115 | V17 12000 EQM threshold. The default value is 128 for all countries. | 1 (0 to 65535) | All countries | 128 |
| 116 | V17 9600 EQM threshold | 1 (0 to 65535) | All countries | 440 |
| 117 | V17 7200 EQM threshold. | 1 (0 to 65535) | All countries | 1024 |
| 118 | V33 14400 EQM threshold. The default value sometimes shows up as -1 on data store reports. | 1 (0 to 65535) | All countries | 65535 |
| 119 | V33 12000 EQM threshold. The default value sometimes shows up as -1 on data store reports. | 1 (0 to 65535) | All countries | 65535 |
| 120 | V29 9600 EQM threshold. | 1 (0 to 65535) | All countries | 900 |
| 121 | V29 7200 EQM threshold. | 1 (0 to 65535) | All countries | 1700 |
| 122 | V29 4800 EQM threshold. The default value sometimes shows up as -1 on data store reports. | 1 (0 to 65535) | All countries | 65535 |
| 123 | V27 4800 EQM threshold. | 1 (0 to 65535) | All countries | 2400 |
| 124 | V27 2400 EQM threshold. | 1 (0 to 65535) | All countries | 5500 |

| | | | | |
|-----|--|---|--|---------------------------------------|
| 125 | Echo protect mode. Enables transmission of an echo protect tone prior to the transmission of the training sequence. | 0 = Echo protect all modulations except V.29 1 = Enable on all modulations 2 = Disable on all modulations | All countries | 0 |
| 126 | Percent of contiguous 0s during training (TCF) required. The value 0 disables this check. | Percentage (0 to 95) | All countries | 80 |
| 127 | No carrier timer. If carrier is lost for this duration during high speed receive, the session fails with result code 283. The value 0 disables this check. | 1 ms (0 ms to 30000 ms) | Germany Russia Spain Ukraine All other countries | 6000 6000 5500 6000 10000 |
| 128 | Recv flag after ABIDL enable. When set to TRUE, the modem waits for flags after detecting ABIDL before generating an interrupt again. | 0 = False 1 = True | All countries | 1 |
| 129 | V.34 block error threshold. | | All countries | 9011 |

Fax session configuration

| <u>Parameter</u> | <u>Description</u> | <u>Units</u> | <u>Country</u> | <u>Default</u> |
|------------------|--------------------|--------------|----------------|----------------|
|------------------|--------------------|--------------|----------------|----------------|

| | | | | |
|-----|--|--------------------------|-------------|----|
| 130 | Answer inactivity abort timer. Specifies the time from going OFF hook and waiting for an incoming fax handshake, until the LaserJet 3200 disconnects because no incoming fax activity is detected. | 1 sec (0 sec to 255 sec) | Argentina | 30 |
| | | | Australia | 40 |
| | | | Austria | 30 |
| | | | Belgium | 30 |
| | | | Canada | 30 |
| | | | China | 30 |
| | | | Denmark | 30 |
| | | | Finland | 40 |
| | | | France | 46 |
| | | | Germany | 40 |
| | | | Greece | 30 |
| | | | Hong Kong | 30 |
| | | | Hungary | 30 |
| | | | Ireland | 40 |
| | | | Israel | 30 |
| | | | Italy | 30 |
| | | | Korea | 30 |
| | | | Malaysia | 30 |
| | | | Mexico | 30 |
| | | | Netherlands | 40 |
| | | | New Zealand | 40 |
| | | | Norway | 40 |
| | | | Poland | 30 |
| | | | Portugal | 30 |
| | | | Russia | 40 |
| | | | Singapore | 30 |
| | | | Spain | 30 |
| | | | Sweden | 40 |
| | | | Switzerland | 40 |
| | | | Taiwan | 30 |
| | | | Ukraine | 40 |
| | | | U.K. | 40 |
| | | | U.S. | 30 |

| | | | | |
|-----|---|--------------------------|-------------|-----|
| 131 | Originate inactivity abort timer. Specifies the time from starting t.30 until the LaserJet 3200 disconnects because no fax is detected. (Note: This timer is active when the phone inactivity timer, parameter 89, is active. Change parameter 89 also when this parameter is changed.) | 1 sec (0 sec to 255 sec) | Argentina | 59 |
| | | | Australia | 60 |
| | | | Austria | 59 |
| | | | Belgium | 59 |
| | | | Canada | 59 |
| | | | China | 49 |
| | | | Denmark | 59 |
| | | | Finland | 59 |
| | | | France | 140 |
| | | | Germany | 80 |
| | | | Greece | 59 |
| | | | Hong Kong | 59 |
| | | | Hungary | 59 |
| | | | Ireland | 55 |
| | | | Israel | 59 |
| | | | Italy | 59 |
| | | | Korea | 45 |
| | | | Malaysia | 59 |
| | | | Mexico | 59 |
| | | | Netherlands | 59 |
| | | | New Zealand | 60 |
| | | | Norway | 59 |
| | | | Poland | 59 |
| | | | Portugal | 59 |
| | | | Russia | 80 |
| | | | Singapore | 59 |
| | | | Spain | 59 |
| | | | Sweden | 59 |
| | | | Switzerland | 55 |
| | | | Taiwan | 59 |
| | | | Ukraine | 80 |
| | | | U.K. | 55 |
| | | | U.S. | 59 |

| | | | | |
|-----|--|---------------------------|-------------|-----|
| 132 | T5 timer. Determines the maximum time that a transmitting machine will wait for a receiving machine to stop sending RNR. | 1 sec (0 sec to 1000 sec) | Argentina | 240 |
| | | | Australia | 60 |
| | | | Austria | 240 |
| | | | Belgium | 240 |
| | | | Canada | 240 |
| | | | China | 240 |
| | | | Denmark | 240 |
| | | | Finland | 60 |
| | | | France | 60 |
| | | | Germany | 60 |
| | | | Greece | 240 |
| | | | Hong Kong | 240 |
| | | | Hungary | 240 |
| | | | Ireland | 60 |
| | | | Israel | 240 |
| | | | Italy | 240 |
| | | | Korea | 240 |
| | | | Malaysia | 240 |
| | | | Mexico | 240 |
| | | | Netherlands | 60 |
| | | | New Zealand | 60 |
| | | | Norway | 60 |
| | | | Poland | 240 |
| | | | Portugal | 240 |
| | | | Russia | 60 |
| | | | Singapore | 240 |
| | | | Spain | 240 |
| | | | Sweden | 60 |
| | | | Switzerland | 60 |
| | | | Taiwan | 240 |
| | | | Ukraine | 60 |
| | | | U.K. | 60 |
| | | | U.S. | 240 |

| | | | | |
|-----|--|--------------------------|---|---------------------------------|
| 133 | DTS Compliance Enable. German DTS compliance requires a slightly different T30 implementation. The differences are primarily concerned with handling voice interrupts. If the value = 1 (True), the T30 operation will comply with the DTS requirement. If 0 (False), the T30 operation will comply with the CCITT requirement. (This parameter may also be known as "BZT compliance", since BZT is the testing organization.) | 0 = False 1 = True | Germany Russia Ukraine All other countries | 1 1 1 0 |
| 134 | Manual dial abort timer. Currently only used when DTS compliance, parameter 133, is 1. This timer replaces the originate inactivity timer, parameter 131, when manual dialing is used. (In the T.30 spec, this timer is T1. Parameter 131 is T1 plus additional time for the underlying phone system to make the connection.) | 1 sec (0 sec to 255 sec) | Germany Russia Ukraine All other countries | 40 40 40 0 |

Redial and automatic dialing

| Parameter | Description | Units | Country | Default |
|-----------|---|-----------------------------------|-------------------------------------|---------------|
| 135 | Redial on busy enable. Determines the condition when redialing may occur. If TRUE, then automatic redialing occurs when a call fails due to detection of a valid busy tone sequence. | 0 = False 1 = True | All countries | 1 |
| 136 | Redial on no answer enable. Determines the condition when redialing may occur. If TRUE, then automatic redialing occurs when a call fails due to no answer. | 0 = False 1 = True | All countries | 0 |
| 137 | Repeat call attempt timer 1. Specifies the amount of time between repeat call attempts to the same number when the number of repeat call attempts is less than or equal to parameter 139. | 1 sec (0 sec to 1000 sec) | Malaysia All other countries | 120 60 |
| 138 | Repeat call attempt timer 2. Specifies the amount of time between repeat call attempts to the same number when the number of repeat call attempts is greater than parameter 139 and less than or equal to parameter 140. | 1 sec (0 sec to 1000 sec) | All countries | 300 |
| 139 | Number of call attempts timer 1. Specifies the number of repeat calls that are attempted using parameter 137 as the interval between call attempts. When this number of repeat calls has been attempted, redialing will continue using parameter 138. | 1 retry (0 retries to 15 retries) | All countries | 1 |

| | | | | |
|------------------------|---|-----------------------------------|---|---------------------------------|
| 140 | Number of call attempts timer 2. Specifies the number if repeat calls that are attempted using parameter 138 as the interval between call attempts. | 1 retry (0 retries to 15 retries) | Belgium France Italy Korea Malaysia Spain All other countries | 3 3 3 2 1 3 4 |
| 141 Obsolete | Blacklist enable. If TRUE, creates a list of numbers which have failed on all re-dial attempts. | 0 = False 1 = True | France All other countries | 1 0 |

Miscellaneous country and T30 settings

| <u>Parameter</u> | <u>Description</u> | <u>Units</u> | <u>Country</u> | <u>Default</u> |
|------------------|--|-----------------------------------|---|---|
| 142 Obsolete | Paper size. Determines default paper size. Selected by the user using the Paper Size menu. | 1 = Exec 2 = Letter | | |
| 143 | Redial on no answer maximum attempts. Some country regulations limit the number of redials when busy is not detected. At each call failure, if there was no answer and the number of redials already equals this count, no more redials will be attempted. | 1 retry (0 retries to 15 retries) | Canada U.S. All other countries | 1 1 2 |
| 144 | Monitor dial post dial delay. This timer specifies how long to wait after monitor dialing to start T.30. T.30 waits an additional 2 seconds before sending CNG tones. | 1 ms (100 ms to 65000 ms) | Germany France Poland Ukraine Russia All other countries | 100 100 900 100 100 2000 |
| 145 Obsolete | Scan cycle time. | N/A | | |
| 146 Obsolete | Scan cycle time. | N/A | | |

| | | | | |
|-----|-----------------------------|------------------------|-------------|---|
| 147 | User interface time format. | 0 = AM/PM 1 = 24 hr | Argentina | 0 |
| | | | Australia | 0 |
| | | | Austria | 1 |
| | | | Belgium | 1 |
| | | | Canada | 0 |
| | | | China | 0 |
| | | | Denmark | 1 |
| | | | Finland | 1 |
| | | | France | 1 |
| | | | Germany | 1 |
| | | | Greece | 1 |
| | | | Hong Kong | 0 |
| | | | Hungary | 1 |
| | | | Ireland | 1 |
| | | | Israel | 1 |
| | | | Italy | 1 |
| | | | Korea | 0 |
| | | | Malaysia | 0 |
| | | | Mexico | 0 |
| | | | Netherlands | 1 |
| | | | New Zealand | 0 |
| | | | Norway | 1 |
| | | | Poland | 1 |
| | | | Portugal | 1 |
| | | | Russia | 1 |
| | | | Singapore | 0 |
| | | | Spain | 1 |
| | | | Sweden | 1 |
| | | | Switzerland | 1 |
| | | | Taiwan | 0 |
| | | | Ukraine | 1 |
| | | | U.K. | 1 |
| | | | U.S. | 0 |

| | | | | |
|-----|---|--|--|------------------------------|
| 148 | User interface date format. | 0 = mmddyy 1 = ddmmyy 2 = yymmdd | Canada China U.S. All other countries | 0 0 0 1 |
| 149 | User interface language invalid – not sure how, or if, this is used in the LaserJet 3200. | N/A | All countries | 0 |

NOTE: All parameters above 149 are not country specific.

Transmission/reception settings/T30

| Parameter | Descriptions | Units |
|-----------|---|--|
| 150 | Maximum DIS FIF size. Some older fax machines may not understand the longer DIS sent when the LaserJet 3200 answers. (When those machines were manufactured, the DIS was 4 bytes). Setting this parameter to 4 will limit the DIS to 4 bytes for compatibility with older machines. (The 300 DPI capability is lost.) The default value is 255. | 1 byte (4 bytes to 255 bytes) |
| 151 | Transmit resolution maximum. Setting this parameter will have no effect because it is set to the front panel resolution when a session starts. | 0 = Std 1 = Fine 2 = 300 dpi |
| 152 | Transmit data encoding maximum. The default value is 2. | 0 = MH 1 = MR 2 = MMR |

| | | |
|------------------------|---|---|
| 153 | Transmit data rate maximum. The default value is 26. | 0 = V.17 14400 1 = V.17 12000 2 = V.17 9600 3 = V.17 7200 4 = V.33 14400 5 = V.33 12000 6 = V.29 9600 7 = V.29 7200 8 = V.29 4800 9 = V.27 4800 10 = V.27 2400 11 = V.21 300 12 = V.34 1200 13 = V.34 2400 14 = V.34 4800 15 = V.34 7200 16 = V.34 9600 17 = V.34 12000 18 = V.34 14400 19 = V.34 16800 20 = V.34 19200 21 = V.34 21600 22 = V.34 24000 23 = V.34 26400 24 = V.34 28800 25 = V.34 31200 26 = V.34 33600 |
| 154 | Transmit ECM enable. The default value is 1. | 0 = False 1 = True |
| 155 Obsolete | Transmit BFT enable. The default value is 0. (This feature is not implemented.) | 0 = False 1 = True |
| 156 | Transmit ECM frame size. The default value is 256. | 64 = 64 bytes 256 = 256 bytes |
| 157 | Receive resolution maximum. The default value is 2. | 0 = Std 1 = Fine 2 = 300 dpi |
| 158 | Receive data encoding max. The default value is 2. | 0 = MH 1 = MR 2 = MMR |
| 159 | Receive data rate max. Given the way a fax receiver advertises its capabilities, only the following choices are valid: 0, 6, 9, 10 and 26. The default value is 26. | Units: same as parameter 153 |
| 160 | Receive ECM enable. The default value is 1. | 0 = False 1 = True |
| 161 Obsolete | Receive BFT enable. The default value is 0. (This feature is not implemented.) | 0 = False 1 = True |

| | | |
|-----|---|---|
| 162 | Receive minimum scan line time. This parameter defines how long the sender must take to send each line when the session is non-ECM. The default value is 0. (5/5 means 5 ms for std and 5 ms for fine. 20/10 means 20 ms for std and 10 ms for fine.) | 0 = 0/0 ms 1 = 5/5 ms 2 = 10/10 ms 3 = 20/20 ms 4 = 40/40 ms 5 = 10/5 ms 6 = 20/10 ms 7 = 40/20 ms |
| 163 | Ignore first DIS. If an international connection has a lot of echo, ignoring the first DIS may help the line stabilize. The default value is 0. | 0 = False 1 = True |
| 164 | Pre DCS delay. Delay from receiving DIS or FTT to sending DCS message. Default is 500 mS. | 1 mS (0 to 1000) |

Fax data

| Parameter | Descriptions | Units |
|-----------|--|---------------------------|
| 165 | ECM no frame abort timer. The default value is 180. If the timer expires, the result stored in the fax log is 282 (if no page data received) or 285 (if a partial page was received). | 1 sec (0 sec to 1000 sec) |
| 166 | Non ECM no EOL abort timer. The default value is 13. If the timer expires, the result stored in the fax log is 281 (if no page data received) or 284 (if a partial page was received). | 1 sec (0 sec to 1000 sec) |
| 167 | Non ECM errored line threshold. When the number of errored lines on a page exceeds this percentage, an RTN is sent indicating that the next page should be sent at a lower data rate. The default value is 10 percent. | Percentage (0 to 100) |
| 168 | Send ECM timeout. The default value is 300. If the timer expires, the result stored in the fax log is 390. | 1 sec (0 sec to 1000 sec) |
| 169 | Send non ECM timeout. The default value is 300. If the timer expires, the result stored in the fax log is 391. | 1 sec (0 sec to 1000 sec) |

User interface

| Parameter | Descriptions | Units |
|-----------|--|---|
| 170 | Ring noise enable. The default value is 2. | 1 = Disabled 2 = Enabled |
| 171 | Key beep enable. The default value is 2. | 1 = Disabled 2 = Enabled |
| 172 | Line monitor (speaker) mode. Selects the speaker mode for line monitoring. When set to 0, the speaker is turned on during dialing. When set to 1, the speaker is left on always. "Speaker enable always" is used for test purposes only. The default value is 0. | 0 = Speaker enabled while dialing. 1 = Speaker enabled always (whenever off hook). |

| | | |
|------------------------|---|--|
| 173 | Ring volume. Speaker volume for the phone ring. Modified by the user from the volume settings menu. The default value is 1. | 0 = Off 1 = Soft 2 = Medium 3 = Loud |
| 174 | Key press (beep) volume. Speaker volume for key press beeps. Modified by the user from the volume settings menu. The default value is 1. | 0 = Off 1 = Soft 2 = Medium 3 = Loud |
| 175 | Monitor volume. Speaker volume when monitoring the phone line during dialing. Modified by the user via the front panel volume key. The default value is 96. | 0 = Off 96 = Soft 160 = Medium 200 = Loud |
| 176 | Default fax contrast. Modified by the user from the fax send setup menu. The default value is 0. | the range is: -125 (least contrast) to 125 (highest contrast) in 25 unit increments |
| 177 | Default fax photo mode. Enable or disable fax photo mode scanning. Modified by the user from the fax send setup menu, default resolution. The default value is 0. | 0 = False 1 = True |
| 178 | Default send fax resolution. Modified by the user from the fax send setup menu, default resolution. The default value is 1. | 0 = Std 1 = Fine 2 = 300 dpi |
| 179 Obsolete | Number speed dials. Number of speed dials the device has for a given device derivative. The default value is 100. | 1 speed dial (40 to 100) |
| 180 Obsolete | Fax additional wait. | N/A |
| 181 Obsolete | Fax compression factor. | N/A |
| 182 Obsolete | Document memory size. | N/A |

Miscellaneous

| Parameter | Descriptions | Units |
|---------------------|--|-----------------------|
| 183 | Auto fax log. If true, the fax activity log report prints after every 40 fax sessions. Set by the user through the reports menu, fax activity log, automatic log printing. The default value is 1. | 0 = False 1 = True |
| 184 Obsolete | Fax fixed reduction. Amount of reduction applied to received faxes. Only used when automatic fax reduction is not enabled. The default value is 100%. | Percentage |
| 185 | Fax auto reduction. If true, unit will reduce incoming fax image size to fit on the current page whenever possible. The default value is 1. | 0 = False 1 = True |

| | | |
|-----|--|-----------------------|
| 186 | TTI (transmit terminal identification) control. If TRUE, the header information will be included on each fax page sent by the LaserJet 3200. The default value is 1. | 0 = False 1 = True |
|-----|--|-----------------------|

Image adjustments and miscellaneous

| Parameter | Descriptions | Units |
|------------------------|--|------------------------|
| 187 | Maximum auto reduction. Limits the amount of scaling on auto reduction. Scaling down too far results in unreadable faxes. This tends to occur when the sending fax jams or double feeds a document. The default value is 60. | Percentage (60 to 100) |
| 188 Obsolete | Fax backup reception. Default is 1. | 0 = False 1 = True |
| 189 Obsolete | Transmit fail if remote end doesn' t support JPEG. | 0 = False 1 = True |
| 190 Obsolete | Transmit fail if remote end doesn' t support color. | 0 = False 1 = True |
| 191 Obsolete | T.30 transmit color. | 0 = False 1 = True |
| 192 Obsolete | T.30 receive color. | 0 = False 1 = True |
| 193 | Cioca register (in codec) default value. This value is written to a modem control register and should not be changed without a detailed understanding of the consequences. | |
| 194 | Cioca register (in codec) value when in eavesdrop mode. This value is written to a modem control register and should not be changed without a detailed understanding of the consequences. | |
| 195 | Ciocb register (in codec) default value for U.S. liu. This value is written to a modem control register and should not be changed without a detailed understanding of the consequences. | |
| 196 | Ciocb register (in codec) eavesdrop value for U.S. liu. This value is written to a modem control register and should not be changed without a detailed understanding of the consequences. | |
| 197 | Ciocb register (in codec) default value for Euro liu. This value is written to a modem control register and should not be changed without a detailed understanding of the consequences. | |
| 198 | Ciocb register (in codec) eavesdrop value for Euro liu. This value is written to a modem control register and should not be changed without a detailed understanding of the consequences. | |

| | | |
|-----|---|--|
| 199 | Ciobc register (in codec) default value for Rare liu. This value is written to a modem control register and should not be changed without a detailed understanding of the consequences. | |
| 200 | Ciobc register (in codec) eavesdrop value for Rare liu. This value is written to a modem control register and should not be changed without a detailed understanding of the consequences. | |
| 201 | Fax receive disposition. This is used in combination with the fax forwarding object to determine whether to print, forward, or upload the fax. | 1 = print 4 = upload else print 6 = forward else print |
| 202 | Fax download all pages. Used during a fax download from a host. False means to start the outgoing fax session after the first page is downloaded, true means to download all pages before starting the fax session. The default value is 0. | 0 = false 1 = true |

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