

Model: iR2200i/3300i**Ref. No. :** FF-T01-L5-000054-01**Date :** October 15, 2002

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Location: SYSTEM SOFTWARE**Subject:** Releasing the iR2200i Series System Software(Ver.06.01) / Language(Ver.06.01)**Reason:** System Software is released for the iR2200i-3300i Series to respond to reports of faults from the field
System CD-ROM

FY9-4138-003: System Software v06.01 for Copier Model/PSPCL Model

<History of Updates>

Service Info.0No. / System CD-ROM Parts No.	Version No.				Modifications
	System	Language	Boot ROM	RUI	
FF-T01-L5-000054-01 / FY9-4138-003	6.01	6.01	9.28	5.03	1)Correcting unchanged upper limit at Net Spot Accountant 2)Correcting a fault : i.e., can not "Edit" or "Save as" the PDF file 51 pages or more created by the SEND function on Acrobat. 3)Correcting the problem of improper value appearance by changing the upper limit of the parts counter at service mode 4)Correcting the improper setting for the number of copies as printing by PCL command 5)Problem correction: When high-volume data is sent to WinXP/2K via SMB, an error may occurs during transmission 6)Supporting the complete closing for Port 631 7)Correcting the weakness of HTML tag 8)Correction of the problem that soft counter indication remained "0" 9)Problem correction: The problem found at the factory

FF-T01-L5-000033-01 / FY9-4144-000	5.04	5.04	9.28	5.03 (JEFIG S)	Support of 14 European Languages
02-OIPQA4-C0040 / FY9-4138-002	5.04	5.04	9.28	5.03	<p>1) Improvement in quality of image</p> <p>2) Correcting a faults of job history at the time of Remote Reception.</p> <p>3) Correcting displacement of print on double-sided prints.</p> <p>4) Correcting a fault; 2mm unfilled space is added by 600dpi A3 facsimile transmission.</p> <p>5) Correcting a fault; i.e., in a TokenRing environment.</p> <p>6) Correcting faults caused by combination of the following: FileMaker Pro v.5.5 + PS driver</p> <p>7) Correcting faults associated with E355 (wrongly indicated as E355)</p> <p>8) Correcting faults in relation to the failure to obtain network information from NetSpot</p> <p>9) Correction of the fault displayed as ECM in a activity report in case of G3 / ECM un-deciding at the time of a dept. management setup.</p> <p>10) Solving needs for selection of paper for the manual feed tray (from C Sales)</p> <p>11) The special character is corresponded to a file address password input.</p> <p>12) Dealing with faults reported from the filed about the counter PCB</p> <p>13) A pin code will be able to be inputted by fax address change.</p> <p>14) Improvement in quality of image</p>
02-OIPQA4-C0017 / FY9-4138-001	3.01	3.01 (en/ja) 3.02 (de/fr/it)	8.27	3.02	<p>120V Model</p> <p>1. Providing support for FIG.</p> <p>2. Making changes to the specifications.</p> <p>(restrictions on FAX transmission of non-600dpi images from the user box)</p>
02-OIPQA4-C0017 / FY9-4138-000	1.64	1.64 (en/ja)	8.27	1.61 (en/ja)	Acquiring production approval for the 120V PS/PCL model.

Details: The changes, including version changes, made in each model of the iR2200i up to the release of v6.01, are as follows:

1. Changes Made When Upgrading System v5.04 to v6.01

No.	Item	Description
1-1	Correcting unchanged upper limit at Net Spot Accountant	Once the counter counts its upper limit, the limit cannot be renewed from Net Spot Accountant. This problem is corrected
1-2	Correcting a fault : i.e., can not "Edit" or "Save as" the PDF file 51 pages or more created by the SEND function on Acrobat. This fault has been corrected.	[CSPL] It is not able to "Edit" or "Save as" the PDF file 51 pages or more created by the SEND function on Acrobat. This fault has been corrected.
1-3	Correcting the problem of improper value appearance by changing the upper limit of the parts counter at service mode	[CUSA] COPIER>COUNTER>DRBL-1>ALL ITEMS COPIER>COUNTER>DRBL-2>ITEMS UNDER PD-PU-RL Inputted values are faultily changed to improper ones by setting up the upper limit of the items above. This problem is corrected [Note] As for the counter values above, when you clear them or set up their upper limit, be sure to press "OK" key
1-4	Correcting the improper setting for the number of copies as printing by PCL command	[CENV] At appearing the reset command while PDL data in PCL command is operated, the setting for the number of copies cannot be done properly. The problem is corrected.
1-5	Problem correction: When high-volume data is sent to WinXP/2K via SMB, an error may occurs during transmission	[C Sales] The following problem is corrected: When one file of high-volume data is sent to WinXP/2K PC via SMB, an error may occurs during transmission.
1-6	Supporting the complete closing for Port 631	[CUSA] In previous version, Port 631 was not completely closed even IPP was "OFF", and HTTP was also needed to be "OFF". The specifications have been changed so that Port 631 is completely closed by IPP "OFF" state
1-7	Correcting the weakness of HTML tag	[CUSA] The weakness of HTML tag is corrected to support enough for Cross-Site Script
1-8	Correction of the problem that soft counter indication remained "0"	Following problem has been corrected. In the case Error E246-0000 (abnormal counter memory writing) occurred while counter values were written, total counter values were read to be registered on ALARM record and ERROR record. However, the same error occurred again, and the total counter could not be read as a result. For this situation, the setting, which inside module responds Data "0" to prohibit reading counter values, had been made. In this time, ALARM record was registered, and normal values could be properly obtained by retry, but the setting "inside module responds Data "0"" was still continued, copies were made with soft counter "0" (This is just indication problem. Even if "0" is indicated on Soft Counter, system software is still counting correct copy count. Therefore machine went back in totally normal state after main switch was turned OFF and ON.)
1-9	Problem correction: The problem found at the factory	Problem was found in factory. When the main power is turned off and then on, a document in a Box was deleted by one set of iR machine. It was now corrected.

2 Changes Made When Upgrading Language v5.04 to v6.01

No.	Item	Description
2-1	Update	Upgrading to System v6.01 brings about upgrading of language files from to v6.01.
2-2	Correcting the problem of faulty translation of JA/NEIN (German)	It made a mistake translation in German, "JA/NEIN" was translated into "EIN/AUS". It was now corrected.

3. Points to Note When Upgrading of System

Item Initialized

The system is upgraded by overwriting. All settings (for user mode, service mode) will remain intact, and no item will be initialized. The version of the Service Support Tool used for the upgrading is v1.32 or later (The newest version: v1.51)

Limitations

1. Forgone Specifications

The following exist as forgone specifications:

No.	Items	Description
1	Centronics Interface and Bi-Directional Data Communication	<p>When an appreciable number of jobs are sent by a client PC to the iR2200i, loss of jobs occurs under the following conditions: the client PC is running Widows NT4.0, the port of the Centronics interface is set to "bi-directional," and the iR2200i is in sleep mode or paper runs out. (All jobs after the error will be lost.)</p> <p>[Prevention];</p> <p>Set the port of the Centronics interface to "not bi-directional" when setting the properties of the printer driver.</p> <p>[Measures];</p> <p>An instructions sheet will be included with the User's Manual.</p>
2	JBIG Viewer for Mac	Files stored in JBIG format to a client using JBIG Viewer cannot be printed from a Mac machine.
3	#899 (end in transmission job history)	<p>The history of transmission jobs indicates '#899' (e-mail, i-FAX, Canon FTP transmission). The code can mistakenly be interpreted as failure of transmission, although it actually means that "e-mail or i-FAX transmission has ended. However, the use of multiple servers makes it not possible to ensure that the recipient has received it."</p> <p>Measure</p> <p>The manual contains a description to this effect, and it has been decided that it will be left as it is so that the user will realize the importance of ensuring that the recipient actually has received mail/fax.</p>
4	OS: vulnerability in connection management of VxWorks	The following vulnerability has been identified in relation to the connection management mechanism of VxWorks (operating system of the iR Series) when used in a network environment.

	<p>It may, however, well be avoided by appropriately setting the gateway address (GW).</p> <p>[Symptom]</p> <p>Set the following 5 machines so that monitoring is enabled:</p> <p>192.168.51.133(GW setting specified) 192.168.51.131(GW setting specified) 192.168.51.134(GW setting NOT specified) 192.168.51.137(GW setting NOT specified)</p> <p style="text-align: center;"> </p> <p style="text-align: center;">router</p> <p style="text-align: center;"> </p> <p style="text-align: center;">192.168.50.100(GW setting NOT specified)</p> <p>In a network environment identical to the foregoing, the machines identified as 192.168.51.134 and 137 become invisible to other machines a while after turning on the machine identified as 192.168.50.100.</p> <p>[Cause]</p> <p>When 192.168.50.100 is connected, 131 issues a packet used to monitor 137 at specific intervals. 131 and 133 have been given specific GW addresses so that they are capable of responding to the packet; 134 and 137, on the other hand, are not capable of doing so without a GW address.</p> <p>When requests arrive from 100 in succession, all these requests for connection will accumulate, causing a shortage of management area. As a result, response will no longer be possible even for a request for connection from the same segment (e.g., 131 or 133), turning 134 and 137 invisible to 131 and 133.</p> <p>[Observation]</p> <p>VxWorks has the following vulnerability in relation to connection management: when multiple conditions occur in which connections cannot be fully generated, a time-out condition will take place, denying the port all services unless the condition is removed.</p> <p>[Remedy]</p> <p>Set the appropriate GW address if the environment makes use of a router.</p>
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2. Running Change

There is no item designated for running change.

Version Configuration

The operating guarantee of the iR2200i System v6.01 is undertaken for the following combinations:

iR2200i(System v6.01) Software version

System	Language	Boot ROM	RUI	R-CON	DC-CON	DAD F-H1	Fin-J1	Fin-G1	PUNCH	FAX
<u>6.01</u>	<u>6.01</u>	9.28 8.27	5.03	7.01	10.01 9.02	6.01	1.05	5.01 4.06	5.01 3.02	31.02(for USA) 18.08(for Europe /Other regions)

Note The above-mentioned underline portion shows the version which corresponded this time.

No change has been made to other firmware, and each combination of versions is guaranteed for operation.

The notations in italics in the table indicate versions for which upward compatibility has been verified.

The versions of the user software that are compatible with the new system version are as follows:

User Software

	Version
PCL5e Printer Driver for Windows	V5.30
PCL6 Printer Driver for Windows	V3.30
PS3 Printer Driver for Windows	V1.31
NetSpot	V3.3.1
NetSpot Job Monitor	V2.40
JBIG Image Viewer for Windows	V1.20
JBIG Image Viewer for Macintosh	V1.10
Canon LPR	V1.31E
Canon Device Status Extension	V1.10
Network ScanGear	V1.40
Canon NDPS Gateway	V1.10

Releasing System CD-ROM in the Future:

There is no schedule of release of System CD-ROM

Service Parts:

To be communicated as soon as identified

Affected Machines:

To be communicated as soon as identified