

Canon

ATI-AZ-006

MODEL: iR2200/ 2800 / 3300

SUBJECT: Information of iR2200 Series System CD-Rom

Detail:

1. System CD-Rom

System V21.01 the iR2200 is offered in the form of a Systems CD-Rom

1-2. Change History of System software according to versions

< System Version History >

System CD-ROM Parts No.	Version No.				Modifications
	System	Language	Boot ROM	RUI	
01-OIPQA4- C0048E / FY9-4082-011	21.01	21.01	7.25	21.01	1) Supporting European/Asian fax functions (all countries). 2) For Disability law 3) Supporting the multi-binder mechanism 4) Supporting special regional paper types (additional type) 5) Correcting service mode (DK-ADJ-Y).
/ FY9-4082-010	20.01	20.01	7.25	20.01	Not introduced to the field (Because of omission of part of fax header in A4-size)
/ FY9-4082-009	19.03	19.03	7.25	16.05	Not introduced to the field (Because of a problem with fax tone keys of the German FAX Function) (Because of a problem with PG output in Service Mode)
/ FY9-4082-008	16.08	16.08	7.25	16.05	Not introduced to the field (Because of unupport of German-destined Fax functionality)
01-OIPQA4- C0038E / FY9-4082-007	11.02	11.02	4.22	5.17	1) Character mode error at copy has been corrected. 2) Faulty image reproduction by fax transmission of A5R/STMT-R documents has been corrected.

01-OIPQA4-C0026E / FY9-4082-006	9.04	9.04	4.22	5.17	<p>1) Supports special paper sizes for particular regions.</p> <p>2) Correction to soft switch malfunction after performing roller/ feeder cleaning in user mode.</p> <p>3) Corrected staple shift default value for adjustment/ cleaning.</p> <p>4) Corrected problem where device fails to start up on power OFF/ ON, after documents have been deleted from HDD.</p> <p>5)'Check document' display corrected.</p> <p>6) Corrected problem of main unit locking when going into sleep mode and writing to HD.</p> <p>7) Corrected problem where 'moving' display fails to go out when jobs are moved from PDL to box.</p> <p>8) Corrected printer driver form registration data malfunction.</p> <p>9) Corrected problem of Start key in addressee display.</p> <p>10) Corrected FAX RMD input malfunction.</p> <p>11) Corrected addressee display import processing malfunction.</p> <p>12) Corrected service mode side registration adjustment.</p>
01-OIPQA4-C0021E / FY9-4082-005	8.13	8.13	4.22	5.17	<p>Reinforced SMB functions version</p> <p>1) SMB Multi-Job Function</p> <p>2) SMB Multi-Session Function</p> <p>3) Correcting Faults Associated with a Shift to Sleep in SMB State</p> <p>4) Correcting Faults in Relation to WINS Server Name Registration</p> <p>5) Correcting Faults in Mac Print Job During Printing from Windows</p> <p>6) Correcting Faults in Job Cancel from the Host UI in AppleTalk</p>
01-OIPQA4-C0019E / FY9-4082-004	7.01C*	7.01	4.22C	5.17	<p>FAX support type (120V) shipment approval version</p> <p>1) Modification for fax function support software</p> <p>2) Modification on Pull Scan function on/off operations</p> <p>3) Modification of specifications of section management reports with the New Card Reader mounted</p> <p>4) Correcting the suspension of operation after turning off/on the power (identified on factory line)</p> <p>5) Correcting fixing faults for print jobs in sleep state</p> <p>6) Correcting faults associated with the PDL delivery tray in sleep state</p>

/ FY9-4082-003	6.99	6.99	4.22	5.17	Not introduced to the field
01-OIPQA4- C0014E / FY9-4082-002	6.01	6.01	4.22	5.17	Not introduced to the field
01-OIPQA4- C0012E / FY9-4082-001	4.01	4.01	3.21	2.15	e-Maintenance support version 1) Correction of e-Maintenance jam codes 2) Correction of language file errors 3) Addition of Boot ROM compatibility function 4) Correcting a Fault at Power-On
01-OIPQA4- C0012E / FY9-4082-000	3.01	3.01	2.18	2.15	PDL support (PS/PCL) shipment approval version

*Production Approval of System v7.01 is Copier model only

2. Points to Note When Upgrading of System

Item Initialised

The system is upgraded by overwriting. All settings (for user mode, service mode) will remain intact, and no item will be initialised.

The version of the Service Support Tool used for the upgrading is v1.25 or higher.

Note: Download of fax software takes a little while (about 4 minutes). Do not turn off power until the write complete display appears. Be sure to turn off the power once after downloading.

The following eight pieces of software have been upgraded for the release of System v21.01:

System v11.02 v21.01
Language v11.02 v21.01
BootROM v4.2 v7.25
RUI v5.1 v21.01
R-CON v4.0 v7.01
DC-CON v5.01 v6.03
PUNCH v3.0 v5.01
FAX v5.0 v18.07

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

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	V5.00 or later
PCL6 Printer Driver for Windows	V3.00 or later
PS3 Printer Driver for Windows	V1.20 or later
FAX Driver	V1.50
NetSpot	V3.2.7 or later
NetSpot Job Monitor	V2.10
JBIG Image Viewer for Windows	V1.10
JBIG Image Viewer for Macintosh	V1.10
Canon LPR	V1.10E or later
Canon Device Status Extension	V1.00
Network ScanGear	V1.20
Canon NDPS Gateway	V1.02E

3. Changes Made

The changes, including version changes, made in each model of the iR2200 up to the release of v21.02, are as follows

3.1 Changes Made When Upgrading System v11.02 to v21.02

No.	Items	Descriptions
3-1-1	Supporting European/Asian fax functions (all countries).	To support European/Asian (230 V) fax functions.
3-1-2	For Disability law	<p>Usability for physically handicapped has been improved by the following functions added.</p> <ul style="list-style-type: none"> - Remote UI for copying <p>Entering service mode and setting COPIER>OPTION>BODY>RUI-DSP to 1 (the default is 0) displays "copy" on the remote user interface, which means copy function is available from the remote UI.</p> <ul style="list-style-type: none"> - Display color inverting on/off <p>A function has been added under the common specifications setting in user mode to inverse the ground and indication colors on the display. The values are ON and OFF, and the default is OFF.</p>
3-1-3	Supporting the multi-binder mechanism	<p>When handling a print job consisting in each banner page (multiple pages), the following multiple print attributes must be maintained for each single print job combined with various processing (stapling, punching, duplexing):</p> <ul style="list-style-type: none"> -not stapling banner page -stapling body pages <p>In the new version, printing under these conditions are supported (i.e., multiple-binder-compatible).</p>

3-1-4		<p>In System v9.04, attempts were made to support paper types that are unique to specific areas. The latest version is designed to accommodate more paper types.</p> <p>When DADF-H1 scanned special paper sizes for particular regions (OFICIO/ FOOLSCAP, etc.) it identified them as LGL, LTR, LTRR or B5, so the copy image was off-centre. To counter this problem, the following items have been added to the service mode so that, when DADF-H1 identifies LGL, LTR, LTRR or B5, these sizes can be converted to the sizes specified in the service mode.</p> <p>COPIER OPTION BODY ORG-LGL</p> <p>0: LEGAL (default)</p> <p>1: FOOLSCAP</p> <p>2: Mexican OFICIO</p> <p>3: Australian FOOLSCAP</p> <p>4:FOLIO</p> <p>5: Government LEGAL</p> <p>6: Argentine OFICIO</p> <p>7: Bolivian OFICIO</p> <p>8: Argentine LEGAL</p> <p>COPIER OPTION BODY ORG-LTR</p> <p>0: LETTER (default)</p> <p>1: Government LETTER</p> <p>2:EXECUTIVE</p> <p>3: Argentine LETTER</p> <p>COPIER OPTION BODY ORG-LTRR</p> <p>0: LETTER-R (default)</p> <p>1:FOOLSCAP</p> <p>2:OFICIO</p> <p>3: Ecuadorian OFICIO</p> <p>COPIER OPTION BODY ORG-B5</p> <p>0:B5</p> <p>1: Korean GOVERNMENT</p> <p>NB: With FOOLSCAP, depending on how the documents are stacked, the paper may be detected as either LGL or LTRR. When using FOOLSCAP, both ORG-LGL and ORG-LTRR must be set to [1].</p>
3-1-5	Correcting service mode (DK-ADJ-Y)	<p>In the current version, halftone output fails in the following service mode item, used to adjust horizontal registration: COPIER>FUNCTION>MISC-P>DK-ADJ-Y. This fault has been corrected for the latest version.</p>

3.2 Changes Made when Upgrading Language V11.02 to V21.02

No.	Items	Descriptions
3-2-1	Update	Upgrading to System v21.02 brings about upgrading of language files from to v21.02.

3-3.Changes Made When Upgrading BootROM v4.22 to v7.25

No.	Items	Descriptions
3-3-1	Adding an HD check function	<p>A function similar to 'HD-Check(0)' of service mode has been added (COPIER>FUNCTION>HD-Check (Check-TYPE: 0)).</p> <p>To execute this mode, hold down '1' and '9' on the keypad while turning on the main power. 'HD-Check' lasts about 15 to 20 min, and ends if no fault is encountered or specific sectors have automatically been repaired, bringing up the Download Mode screen.</p> <p>At times, a sector error occurring when the power is turned off while data is being written to the HDD will indicate 'E602-0003' and prevent the machine from entering service mode. If such is the case, use this mode.</p> <p>For details, see a separate Service Information bulletin being planned at present.</p>

3-4.Changes Made When Upgrading RUI v5.17 to v21.01

No.	Items	Descriptions
3-4-1	For Disability low	<p>Improvement of usability for physically handicapped</p> <p>An item has been added to improve usability by physically handicapped.</p> <p>See "Remote UI for copying" in 3-1-2.</p>
3-4-2	Supporting fax functions	The fax screen has been updated to accommodate support of fax functions designed for all countries.

3-5. Changes Made When Upgrading R-CON v4.01 to v7.01

(The frequency of occurrence and the degree of effect of the following issue are low, making upgrading in the field optional.)

No.	Items	Descriptions
3-5-1	Correcting an HP search error occurring after automatic adjustment of CCD edge correction position	In previous versions, an HP search error (E202) can occur after automatic adjustment of CCD gain correction position that is executed in service mode (COPIER>FUNCTION>EGGN-POST). The mode in question is executed with the copy board cover open so that the scanner moves forward and stops near the HP sensor after adjustment, causing an error when an HP search takes place thereafter. Its frequency of occurrence, however, is low.
3-5-2	Eliminating black lines on copies of different size originals	In the current version, black lines can occur under the following conditions: use originals of different sizes, use an ADF with its mounting tolerance at maximum, use 'Entire Image' mode. This fault has been corrected in the latest version so that black lines will not occur. (The fault, however, has a low level of frequency and does not occur in copyboard mode or ADF normal mode.)
3-5-3	Correcting factory mode	The algorithm used to obtain an adjustment value for the ADF stream reading position adjustment (factory mode) has been changed. This change does not affect normal operation of the machine.

3-6 .Changes Made When Upgrading DC-CON V5.01 to v6.03

(The frequency of occurrence and the degree of effect of the following issue are low, making upgrading in the field optional.)

3-6-1	Adding a power supply error code (E191)	A change has been made so that an error code (E191) will be indicated in response to an open circuit in the serial communication between the high-voltage power unit and the DC controller. E191: -A communication is not established with the high-voltage power supply from when the power is turned on to when high voltage is generated at the start of a job. - At other timing than above, no communication has been established after a job ended before the high voltage output at the beginning of the next job.
3-6-2	Reducing operating noise at start-up	To reduce the operating noise occurring at time of power-on or sleep return, the speed used to drive the duplex lower feeder while checking for residual paper is increased by 2.5 times (if left as it is, the noise would be too loud).

3-7. Changes Made When Upgrading PUNCH v3.02 to v5.01

(The frequency of occurrence and the degree of effect of the following issue are low, making upgrading in the field optional.)

3-7-1	Correcting punch motor errors during initialization	Because of a minute discrepancy in the position of the home position sensor of the punch unit, detection of the home position fails during initialization, causing a punch motor error. A margin of error has been added to the detection of the home position, thus preventing inappropriate detection of an error.
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3-8. Changes Made When Upgrading FAX v5.03 to v18.07

No.	Items	Descriptions
3-8-1	Supporting European/Asian fax mechanism	In addition to the fax functions for Japan (100 V) and North America (120 V), fax functions for Europe and Asia (230 V areas) are now supported.
3-8-2	Correcting faults related to transmission images in multi communication mode	In the current version, non-ECM transmission images can have missing lines in multi communication mode. This fault has been corrected so that the latest version ensures normal transmission of images.
3-8-3	Correcting faults related to the mm/inch switch-over (SSSW)	The switching between mm and inch is initiated using bit4 of SSSW14. The current version, however, fails to make a DCS declaration even when inch has been selected (bit4: ON). This fault has been corrected in the latest version so that the correct switch-over takes place.
3-8-4	Correcting a fault in fax communication (RCP)	In the current version, normal reception can fail if no more than a single RCP arrives in fax communication mode. This fault has been corrected so that the latest version ensures normal reception.

4. Limitations

The mass-production of the iR2200 has been authorized under the following conditions;

A. Forgone Specifications

The following exist as forgone specifications :

No.	Items	Description
A-1	Centronics Interface and Bi-Directional Data Communication	When an appreciable number of jobs are sent by a client PC to the iR2200, loss of jobs occurs under the following conditions: the client PC is running Windows NT4.0, the port of the Centronics interface is set to "bi-directional," and the iR2200 is in sleep mode or paper runs out. (All jobs after the error will be lost.) [Prevention]; Set the port of the Centronics interface to "not bi-directional" when setting the properties of the printer driver. [Measures]; An instructions sheet will be included with the User's Manual.
A-2	JBIG Viewer for Mac	Files stored in JBIG format to a client using JBIG Viewer cannot be printed from a Mac machine.
A-3	Adobe PageMaker	To use Adobe's PageMaker, its version must be 6.52 when printing in PostScript. [Measures]; Add information to this effect to the Release Note of the print driver. The updating program may be obtained from the following Web site: http://www.adobe.com/support/downloads/3c7e.htm

Running Change

B-1	Missing pages in volume printing	When a large volume of printing is carried out using Word, missing pages can occur.
B-2	Delivery timing of the job following copying interrupt	The design will be changed so that timing of delivery may be specified for the job that immediately follows an interrupt during copying operation.
B-3	Supporting alphanumeric special characters for NetWare	When NetWare is in use, alphanumeric special characters are sometimes not available.