Reissued: 03-Sep-08

Model: **G-P2L**	Date: 15-Jan-08	No.: RG158001a

RTB Reissue
The items in bold italics have been corrected or added.

Subject: Firmware Release History (System)	Prepared by: K. Moriizumi
From: 1st Tech. Support Sec. Service Support Dept.	

Classification:	☐ Troubleshooting	☐ Part information	☐ Action required
	☐ Mechanical	☐ Electrical	☐ Service manual revision
	☐ Paper path	☐ Transmit/receive	☐ Retrofit information
	☐ Product Safety	☒ Other ( )	

This RTB has been issued to announce the firmware release information for the System.

Version	Program No.	Effective Date
1.01	*G1615270A*	*April 2008 production*
1.00	G1615270	1st mass production

Version	Symptom Corrected
1.01	*Symptom corrected:* *1. RC Gate communication fails in wireless LAN environments.* *2. IPv6 Type 0 Route Headers allow the sender to control routing (CVE-2007-2242). (TechMail#TS080184)* *Other changes:* *1. The new WLAN card is now available. (TechMail#OTS-2008-543)* *Note: To use this new card, System firmware (version 1.01 or later), Websys firmware (version 1.07 or later) and NCS firmware (version 6.05.7 or later) needs to be applied to the device.*
1.00	1st mass production

Reissued: 29-Feb-08

Model: **G-P2L**	Date: 15-Jan-08	No.: RG158002a

RTB Reissue

The items in bold italics have been corrected or added.

Subject: Firmware Release History (Onboard Prn)	Prepared by: K. Moriizumi
From: 1st Tech. Support Sec. Service Support Dept.	

Classification:	☐ Troubleshooting	☐ Part information	☐ Action required
	☐ Mechanical	☐ Electrical	☐ Service manual revision
	☐ Paper path	☐ Transmit/receive	☐ Retrofit information
	☐ Product Safety	☐ Other ( )	

This RTB has been issued to announce the firmware release information for the System.

Version	Program No.	Effective Date
1.01	*G1615271A*	*April 2008 production*
1.00	G1615271	1st mass production

Version	Symptom Corrected
1.01	*Symptom corrected:* *1. Changing the ToneCtlValue setting (SP1-104) changes the gradation of the "Default Value" instead of the "Current Value". This can be seen in the printer's "Color Sheet" (SP1-103-001).* *2. The username/usercode used to submit a stored job (Sample Print/Locked Print/Hold Print/Stored Print) is not shown in the Job Log of Web SmartDeviceMonitor ver 2.x.* *3. PCL jobs containing fonts with a number of characters that is evenly divisible by 256 might cause the device to stall. (GFPR#RE0706006, RA07090001)* *4. Subsequent PCL jobs will be canceled after the device prints a large number of jobs (more than 2000) submitted by the PCL 6 driver. (GFPR#RE07080008)* *5. If the delete or print button is pressed repeatedly, the message "No jobs exist" might be displayed on the Operation Panel even if stored jobs (Sample Print/Hold Print/Stored Print) do exist on the device HDD.*
1.00	1st mass production

Reissued: 03-Sep-08

Model: **G-P2L**	Date: 15-Jan-08	No.: RG158003a

RTB Reissue
The items in bold italics have been corrected or added.

Subject: Firmware Release History (Web Support)	Prepared by: K.Moriizumi
From: 1st Tech. Support Sec. Service Support Dept.	

Classification:	☐ Troubleshooting	☐ Part information	☐ Action required
	☐ Mechanical	☐ Electrical	☐ Service manual revision
	☐ Paper path	☐ Transmit/receive	☐ Retrofit information
	☐ Product Safety	☒ Other ( )	

This RTB has been issued to announce the firmware release information for the System.

Version	Program No.	Effective Date
1.07	*G1615273A*	*April 2008 production*
1.06	G1615273	1st mass production

Version	Symptom Corrected
1.07	*Symptom corrected:* *1. The error message "Method Not Allowed" might be displayed in the web browser of a client that clicks a link in WIM's "To Link Page" page.* *2. Logged in users can change WIM's "Configuration > System> Device Name" setting without being granted the necessary privileges.* *Other changes:* *1. The new WLAN card is now available. (TechMail#OTS-2008-543)* *Note: To use this new card, System firmware (version 1.01 or later), Websys firmware (version 1.07 or later) and NCS firmware (version 6.05.7 or later) needs to be applied to the device.*
1.06	1st mass production

Reissued: 18-Feb-15

Model: **G-P2L**	Date: 11-Mar-08	No.: RG158004b

RTB Reissue

The items in bold italics have been corrected or added.

Subject: Firmware Release (Engine)	Prepared by: Y. Suzuki
From: 3rd Tech Service Sect., MFP/Printer Tech Service Dept.	

Classification:	☐ Troubleshooting	☐ Part information	☐ Action required
	☐ Mechanical	☐ Electrical	☐ Service manual revision
	☐ Paper path	☐ Transmit/receive	☐ Retrofit information
	☐ Product Safety	☒ Other	☒ Tier 2

This RTB has been issued to announce the firmware release information for the ~~System~~ ***Engine***.

Version	Program No.	Effective Date
1.03:02	***G1585130D***	***-***
1.02:02	G1585130C	1st mass production

Version	Symptom Corrected

1.03:02	***Other changes:***
	 1. The following SP modes are automatically changed as shown when SP1-001-039 is set to "10.0"(maximum) and SP7-804-002 is executed:
	   - ***SP7-853-002, 003, 004, 005, 009 : +1***
	   - ***SP7-803-002, 003, 004, 005, 009 (Paper counter of PCUs and transfer belt unit): Resets to "0"***
	   - ***SP7-803-017, 018, 019, 020, 025 (Rotation distance of PCUs and transfer belt unit): Resets to "0"***
	   - ***SP7-803-037, 038, 039, 040, 045 (Rotation "%" of PCUs and transfer belt unit): Resets to "0"***
	   - ***SP7-803-050, 051, 054 (Life of PCUs and transfer belt unit): Resets to "100%"***
	
	 2. Minor correction was applied for the customized model for the Japanese market.

1.02:02	1st mass production

Model: General		Date: 12-Mar-08	No.: RGene027

Subject: New Wiress LAN Option	Prepared by: H.K.
From: 1st Tech. Support Sec. Service Support Dept.	

Classification:	☐ Troubleshooting	☐ Part information	☒ Action required
	☐ Mechanical	☐ Electrical	☒ Service manual revision
	☐ Paper path	☐ Transmit/receive	☐ Retrofit information
	☐ Product Safety	☐ Other ( )	

Important Information on the Release of a New Wireless LAN Option

Overview

1. Production of a new wireless LAN option, the **IEEE 802.11b Interface Unit Type N**, began in March 2008. This will replace the current wireless LAN options listed below, as the vendor discontinued production on a key part contained in these options.

2. Make sure to see below for the target models and action in the field, including the necessary firmware versions.

Details

1. Discontinued wireless LAN options:

for US

Code	EDP	Description	Note
B736-06	412176	IEEE 802.11b Interface Unit Type E	discontinued in 1st 2007
G813-01	402345	802.11b Interface Unit Type F	discontinued in 1st 2007 due to country origin issue
G813-08	403019	802.11b Interface Unit Type F	change from EDP:402345
G813-04	402378	IEEE802.11b Interface Unit Type H	discontinued in 1st 2007 due to country origin issue
G813-07	403018	IEEE802.11b Interface Unit Type H	change from EDP:402378
G874-39	402631	IEEE802.11b Interface Unit Type I	discontinued in 1st 2007 due to country origin issue
G874-48	403017	IEEE802.11b Interface Unit Type I	change from EDP:402631

for EU and Asia

Code	EDP	Description	Note
B736-07	412177	IEEE 802.11b Interface Unit Type E	discontinued in 1st 2007
G813-02	402358	802.11b Interface Unit Type F	discontinued in 1st 2007 due to country origin issue
G813-10	403020	802.11b Interface Unit Type F	change from EDP:402358
G813-05	402379	IEEE802.11b Interface Unit Type H	discontinued in 1st 2006 due to RoHS
G813-45	412996	IEEE802.11b Interface Unit Type H	discontinued in 1st 2007 due to country origin issue
G813-09	414421	IEEE802.11b Interface Unit Type H	change from EDP:412996

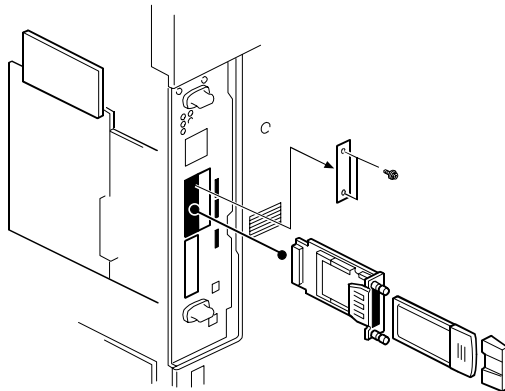2. Specifications of the new wireless LAN option:

Print_B7367059.pd

Specification Sheet:
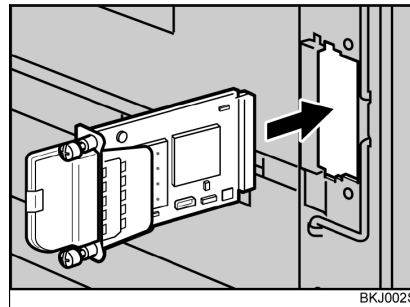|	
Model Name:	IEEE 802.11b Interface Unit Type N
Machine code:	B736-16
EDP code:	414525
Package:	All-in-one (PCB, LAN card, and cover are pre-assembled)
Channel freq. range:	2412 MHz to 2462 MHz (11ch.)
Transmission speed:	1Mbps, 2Mbps, 5.5 Mbps, 11Mbps

Previous types:
PCB, LAN card, and cover are separate

New Type (IEEE802.11b
Interface Unit Type N):
Pre-assembled

Action in the Field

1. MFP Models

Update the firmware on the target MFP models to the necessary versions at the installation.
See "Target Models" below.

2. LP Models

Update the firmware on the target LP models to the necessary versions if the customer requests it. The following notice to customers (from the Operating Instructions) lists the firmware versions necessary to use the new wireless LAN option. If a firmware update is necessary, the customer contacts their sales or service representative.
See "Target Models" below.

Notice to users (excerpt on next page):

print_B7367058.pd

Model: General	Date: 12-Mar-08	No.: RGene027

Excerpt from the Operating Instructions for LP models

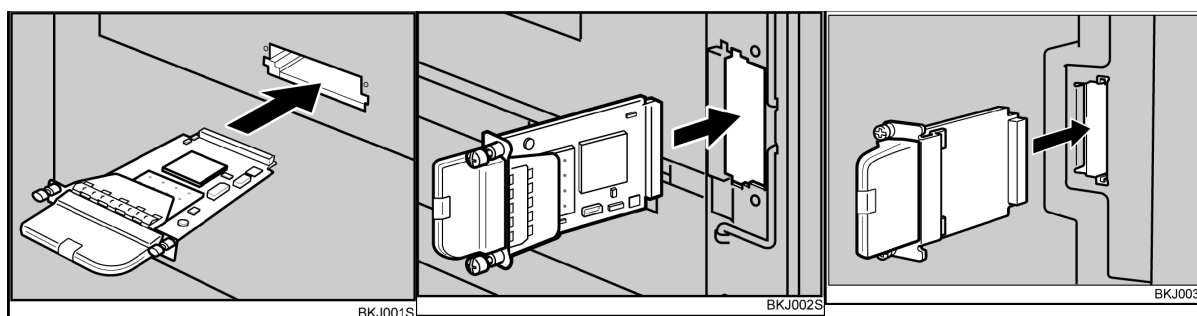Installing the Optional Wireless LAN Interface Unit

Important:
● Before handling the wireless LAN interface unit, ground yourself by touching something metal to discharge any static electricity. Static electricity can damage the wireless LAN interface unit.
● Do not subject the wireless LAN interface unit to physical shocks.

1. Turn off the power of the printer, and then unplug the power cable and the interface cable.
2. Remove the two screws from the interface unit's slot cover, and then remove the slot cover.
   The removed cover is not used when installing the wireless LAN interface unit. Keep it for possible future use.

   For details about the location of the interface unit slot, see the manual provided with your printer.
3. Attach the wireless LAN interface unit.

   Insert the end of the wireless LAN interface unit into the slot.
   Slot types vary according to device. For details, see the manual provided with your printer.
4. Fasten the wireless LAN interface unit to the controller board with the two screws.
   Check the wireless LAN interface unit is connected firmly to be controller board.

Note
• Use a coin or similar object if the screws do not turn easily.
• After finishing installation, you can check the wireless LAN interface unit is properly installed: Print the configuration page from the [List / Test Print] menu. If it is installed properly, the name of wireless LAN interface unit will appear for "Device Connection" on the configuration page.

• If the wireless LAN interface unit is not installed properly, reinstall it following this procedure. If you cannot install it properly even after attempting reinstallation, contact your sales or service representative.
• You need to make settings with the control panel before using the wireless LAN interface unit. For more information, see the manual provided with your printer.
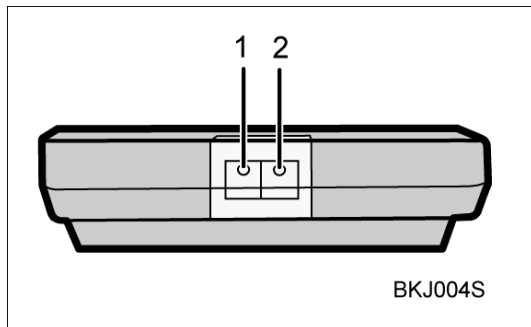
Checking the Connection
To check the connection, use the two lights on the optional wireless LAN interface unit.

BKJ004S

1. The orange light indicates normal network connectivity.
2. The green light indicates that the optional wireless LAN interface unit is properly powered.
   If both lights are lit, the wireless connection is fully operational.

Model: General	Date: 12-Mar-08	No.: RGene027b

Target Models

MFP

	Model	System firmware	NCS firmware	Websys firmware	Applied to the production line
01.	Athena-C1/C1k	1.68	5.17	1.12	2008 February
02.	Apollon-C1	1.67	5.17	1.09	2008 February
03.	Pegasus-C1	1.31	5.17	1.08	2008 March
04.	Kir-C3(GW)	1.08	6.14	1.07	2008 March
05.	Stella-C3(GW)	1.05	6.14	1.06	2008 March
06.	Parisian-C1(GW)	1.02	6.14	1.03	2008 March
07.	Neptune-C2	(2.00)	(6.10)	(1.08)	2008 May
08.	Martini-C3.5	3.01	5.56	2.03	2008 April

Note:
- The old wireless LAN options can be used with both the old and new firmware.
- The following models only support the old wireless LAN options:
  Bellini-C3, Themis-C1, Adonis-C4.5, Russian-C4.5, Jupiter-C2, Martini-C2.5, Martini-C3

LP

	Model	System firmware	NCS firmware	Websys firmware	Applied to the production line
01.	Gaia-P2	*1.12*	*6.05.7*	*1.07*	2008 April
02.	Gaia-P2L	*1.01*	*6.05.7*	*1.07*	2008 April
03.	Apollon-P1d	1.07	6.05.7	1.03	2008 March
04.	Adonis-P4	*1.08*	*6.05.7*	*1.05*	2008 April
05.	Martini-P2	1.10	6.05.7	1.02	2008 April
06.	Sincere-P1	1.08*	6.10	1.03	2008 February
07.	Neptune-P1	1.02	6.10	1.03	2008 May

Note:
- The old wireless LAN options can be used with both the old and new firmware.
- The following models only support the old wireless LAN options:
  Kir-P4, Ares-P2, Jupiter-P4
- *: The notice to customers for Sincere -P1 mentions "version 1.07" for the System firmware, but 1.07 was not used for the production. The correct version is 1.08.

Model: **G-P2L**	Date: 15-Jan-08	No.: RG158001b

RTB Reissue
The items in bold italics have been corrected or added.

Subject: Firmware Release History (System)	Prepared by: K. Moriizumi
From: 1st Tech. Support Sec. Service Support Dept.	

Classification:	☐ Troubleshooting	☐ Part information	☐ Action required
	☐ Mechanical	☐ Electrical	☐ Service manual revision
	☐ Paper path	☐ Transmit/receive	☐ Retrofit information
	☐ Product Safety	☒ Other ( )	

This RTB has been issued to announce the firmware release information for the System.

Version	Program No.	Effective Date
1.02	*G1615270B*	*August 2008 production*
1.01	G1615270A	April 2008 production
1.00	G1615270	1st mass production

Version	Symptom Corrected
1.02	*Other changes:* *The firmware was modified to support the new Fujitsu hard disk drive.*
1.01	Symptom corrected: 1. RC Gate communication fails in wireless LAN environments. 2. IPv6 Type 0 Route Headers allow sender to control routing (CVE-2007-2242). (TechMail#TS080184) Other changes: 1. The new WLAN card is now available. (TechMail#OTS-2008-543) Note: To use this new card, System firmware (version 1.01 or later), Websys firmware (version 1.07 or later) and NCS firmware (version 6.05.7 or later) needs to be applied to the device.
1.00	1st mass production

RICOH

Technical **B**ulletin

Reissued: 09-Sep-08

Model: **G-P2L**	Date: 15-Jan-08	No.: RG158002b

RTB Reissue

The items in bold italics have been corrected or added.

Subject: Firmware Release History (Onboard Prn)		Prepared by: K. Moriizumi
From: 1st Tech. Support Sec. Service Support Dept.		
Classification:	☐ Troubleshooting ☐ Part information ☐ Action required ☐ Mechanical ☐ Electrical ☐ Service manual revision ☐ Paper path ☐ Transmit/receive ☐ Retrofit information ☐ Product Safety ☐ Other ( )	

This RTB has been issued to announce the firmware release information for the System.

Version	Program No.	Effective Date
1.02	*G1615271B*	*August 2008 production*
1.01	G1615271A	April 2008 production
1.00	G1615271	1st mass production

Version	Symptom Corrected
1.02	*Other changes:* *The firmware was modified to support the new Fujitsu hard disk drive.*
1.01	Symptom corrected: 1. Changing the ToneCtlValue setting (SP1-104), changes the gradation of the "Default Value" instead of the "Current Value". This can be seen in the printer's "Color Sheet" (SP1-103-001). 2. The username/usercode used to submit a stored job (Sample Print/Locked Print/Hold Print/Stored Print) is not shown in the Job Log of Web SmartDeviceMonitor ver 2.x. 3. PCL jobs containing fonts with a number of characters that is evenly divisible by 256, might cause the device to stall. (GFPR#RE0706006, RA07090001) 4. Subsequent PCL jobs will be canceled after the device prints a large number of jobs (more than 2000) submitted by the PCL 6 driver. (GFPR#RE07080008) 5. If the delete or print button is pressed repeatedly, the message "No jobs exist" might be displayed on the Operation Panel even if stored jobs (Sample Print/Hold Print/Stored Print) do exsist on the device HDD.
1.00	1st mass production

Reissued: 24-Dec-08

Model: **G-P2L**	Date: 15-Jan-08	No.: RG158002c

RTB Reissue

The items in bold italics have been corrected or added.

Subject: Firmware Release History (Onboard Prn)		Prepared by: K. Moriizumi
From: 1st Tech. Support Sec. Service Support Dept.		

Classification:	☐ Troubleshooting	☐ Part information	☐ Action required
	☐ Mechanical	☐ Electrical	☐ Service manual revision
	☐ Paper path	☐ Transmit/receive	☐ Retrofit information
	☐ Product Safety	☐ Other ( )	

This RTB has been issued to announce the firmware release information for the System.

Version	Program No.	Effective Date
1.03	*G1615271C*	*December 2008 production.*
1.02	G1615271B	August 2008 production
1.01	G1615271A	April 2008 production
1.00	G1615271	1st mass production

Version	Symptom Corrected
1.03	*Symptom corrected:* *1. The device function used to rotate a job by 180 degrees will have no effect in either of the following situations:* *- Printing from the bypass tray or a tray containing slip sheets or cover sheets.* *- Finishing functions including duplex and collate are cancelled by the device during printing.* *Note: This problem doesn't affect the driver's rotation function.* *2. If the Menu > Supplies button on the device is pressed during printing of an RPCS job, duplex will be cancelled.* *3. If a user attempts to cancel several jobs simultaneously, some of the jobs might not be cancelled.*
1.02	Other changes: The firmware was modified to support the new Fujitsu hard disk drive.

Reissued: 24-Dec-08

Model: **G-P2L**	Date: 15-Jan-08	No.: RG158002c

Version	Symptom Corrected
1.01	Symptom corrected: 1. Changing the ToneCtlValue setting (SP1-104), changes the gradation of the "Default Value" instead of the "Current Value". This can be seen in the printer's "Color Sheet" (SP1-103-001). 2. The username/usercode used to submit a stored job (Sample Print/Locked Print/Hold Print/Stored Print) is not shown in the Job Log of Web SmartDeviceMonitor ver 2.x. 3. PCL jobs containing fonts with a number of characters that is evenly divisible by 256, might cause the device to stall. (GFPR#RE0706006, RA07090001) 4. Subsequent PCL jobs will be canceled after the device prints a large number of jobs (more than 2000) submitted by the PCL 6 driver. (GFPR#RE07080008) 5. If the delete or print button is pressed repeatedly, the message "No jobs exist" might be displayed on the Operation Panel even if stored jobs (Sample Print/Hold Print/Stored Print) do exsist on the device HDD.
1.00	1st mass production

Model: **G-P2L**	Date: 15-Jan-08	No.: RG158001c

RTB Reissue
The items in bold italics have been corrected or added.

Subject: Firmware Release History (System)	Prepared by: K. Moriizumi
From: 1st Tech. Support Sec. Service Support Dept.	

Classification:	☐ Troubleshooting	☐ Part information	☐ Action required
	☐ Mechanical	☐ Electrical	☐ Service manual revision
	☐ Paper path	☐ Transmit/receive	☐ Retrofit information
	☐ Product Safety	☒ Other ( )	

This RTB has been issued to announce the firmware release information for the System.

Version	Program No.	Effective Date
1.03	*G1615270C*	*January 2009 production*
1.02	G1615270B	August 2008 production
1.01	G1615270A	April 2008 production
1.00	G1615270	1st mass production

Version	Symptom Corrected
1.03	*Symptom corrected:* *1. "Connection error: Check proxy settings" is displayed when the @Remote gateway server is down.* *2. The result of RFU is not informed to @Remote center.* *3. If the "User Account Enhance Unit" is installed, the following problems might occur:* *1) Information in the "Counter per User" sheet might be incorrect.* *2) A duplicate might be created when the driver registers a User Code in the addressbook.* *3) The User Code counter that is incremented might not correspond to the user that submitted the job.* *4. An SC990 error might occur if a job that contains a large amount of data per page is printed in duplex. An example of a potentially affected job is printing photos with a Layout of 16 per sheet.*
1.02	*Other changes:* *The firmware was modified to support the new Fujitsu hard disk drive.*
1.01	Symptom corrected: 1. RC Gate communication fails in wireless LAN environments. 2. IPv6 Type 0 Route Headers allow sender to control routing (CVE-2007-2242). (TechMail#TS080184) Other changes: 1. The new WLAN card is now available. (TechMail#OTS-2008-543) Note: To use this new card, System firmware (version 1.01 or later), Websys firmware (version 1.07 or later) and NCS firmware (version 6.05.7 or later) needs to be applied to the device.

RICOH   Technical Bulletin

Reissued: 06-Jan-09

Model: **G-P2L**	Date: 15-Jan-08	No.: RG158001c

Version	Symptom Corrected
1.00	1st mass production