Technical Notification When upgrade to Firmware V02.040 (KX-HDV130 / HDV100)

No. 02-022

June 17, 2016

Ver.1.3

Panasonic System Networks Co., Ltd.

Abstract about this document

This document describe about Special Firmware upgrade for HDV100/130. When you upgrade new firmware , please upgrade as described. (Refer to Page.3 or later.)

Note1: Once upgrade FW, you CAN NOT downgrade to Ver.1.04x or earlier.

Note2: Upgrade new firmware under no VLAN and no proxy environment.

Date	Version	Revision	Firmware version
Nov. 16, 2015	Ver. 1.0	Initial Release	Ver.1.064
	Ver.1.1	Adding the note for update failure	Ver.1.064
Mar. 4, 2016	Ver. 1.2	Second Release	Ver.2.018
Jun. 17, 2016	Ver. 1.3	Third Release	Ver.2.040

Revision history

2. How to update new firmware from old firmware (1)

description	 This firmware has been one package in configuration of part1 and part2. HDV130-02.040.fw.part1 HDV130-02.040.fw.part2 Need to update two files at same time.
How to update firmware	 Put both HDV130-02.040.fw.part1 and HDV130-02.040.fw.part2 in your FW maintenance server. Note : DO NOT rename these files Please set FW file path "/HDV130-02.040.fw.part1 "to the device. Note : DO NOT set "/HDV130-02.040.fw.part2" as FW file path The device downloads HDV130-02.040.fw.part1 from the server, and updating is done by HDV130-02.040.fw.part1. Then the device automatically downloads HDV130-02.040.fw.part2, and FW updating is done by HDV130-02.040.fw.part2. It means updating works twice. In the case of upgrade by TR069, "BOOT" and "Transfer Complete" will be notified with new version after the part2 upgrade is complete.

2. How to update new firmware from old firmware (2)



2. How to update new firmware from old firmware (3)

Screen transition during updating (if first time update part.1/part.2)

Standby



2. How to update new firmware from old firmware (3)

Screen transition during updating (if previously already updated part.1/part.2)



3. Preparation

• Firmware HTTP Server Setup

Refer "How to install Abyss Web Server" Page9 or later.

•To manually update the firmware

When an updated version of the firmware is provided on a Web site or other means, you can perform the firmware update manually using Web user interface programming.

Ex. Abyss Web Server default install.

Put the firmware on "C:¥Abyss Web Server¥htdocs" folder.

Panasonic Very - Local Dak (C:) + Abyse Web Server + htdos Organize * Include in library * Share with * Burn New folder Ware * Date modified Type Size Desktop Didex.html Desktop Jul/2015 2:47 PM Music Purabosoc.fm.part1 Plotso-cox.cox.fm.part2 2015/09/17 11:04 PARTE 27:-//L 21,033 KB Zotto/9/17 11:04 PARTE 27:-//L Potwisning Maintenance Firmware File URL Inter//192.168.x.xxxx/HDV130-02.040.fw.part1 Documents Update Firmware Music Import Configuration File Veloa Name Pictures Veloa Veloa Name Music Inter//192.168.x.xxxx/HDV130-02.040.fw.part1 Documents Note) Please specify the Port number of HTTP server if update	C:\Abyss Web Server\htdocs							
Organize < Indude in library * Share with * Burn New folder KX.HDV130 Status Network System VolP Telephone Maintenance	Computer	r → Local Disk (C:) → Abyss Web Server → htdo	ocs		Panasonic			
Organize ◆ Indude in library ◆ Share with ◆ Burn New folder					KX-HDV130	Status Network	System VoIP Telephone	Maintenance
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Libraries Documents Music Pictures Videos Local Disk (C;) Local Disk (C;) IncluDisk (D;) IncluDisk (D;)	Part 1	HDV130-xx.xxx.fw.part2	2015/09/17 11:04 PART2 ファイ	イル 21,377 KB	Provisioning Maintenance	Firmware File UR	http://192.168.0.130/HDV130-01	064 fw part1
Computer Update Firmware Update Firmware Update Firmware Update Firmware Update Firmware Update Firmware Music Import Configuration File Music Inttp://192.168.x.xxx/HDV130-02.040.fw.part1 Note) Please specify the Port number of HTTP server if update	Deguments				Firmware Maintenance			
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Image: Computer http://192.168.x.xxx/HDV130-02.040.fw.part1 Image: Computer Note) Please specify the Port number of HTTP server if update	Pictures							
http://192.168.x.xxx/HDV130-02.040.fw.part1	Videos							
					http://102.1			(port4
Note) Please specify the Port number of HTTP server if update	Normal Computer				nttp://192.1	08.X.XXX/HL	JV130-02.040.IW	<i>i</i> .parti
	Local Disk (C:)			Note)	Please specif	fy the Port nu	mber of HTTP serve	er if undate
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Inclusive (F) process does not start without Port number.	Local Disk (E:)			proce	ess does not st	tart without Po	ort number.	
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€x: http://192.168.x.xxx:80/HDV130-02.040.tw.part1	📬 Network			EX:	nttp://192.10	08.X.XXX:80/	HDV130-02.040	.iw.parti
Abyss Web Server use Port :80 as default					Abuss Web Se	rver use Port	·80 as default	
Abyss web Gerver user oftoo as defadit				((

4. Upgrade Firmware

Upgrade Firmware

Maintenance -> Upgrade Firmware

- 1. In the Web user interface, click the [Maintenance] tab, and then click [Upgrade Firmware].
- 2. Click Browse, select the folder where the firmware file is stored, and specify the firmware file on your PC.
- 3. Click [Upgrade Firmware].

Panasonic		
KX-HDV130	Status Network System	N VolP Telephone Maintenance
	Upg	ograde Firmware
Web Port Close		2. Set the firmware file URL on HTTP server
Maintenance Provisioning Maintenance	Upgrade Firmware Firmware File URL	p://192.168.0.130/HDV130-01.064.fw.part'
Firmware Maintenance		Update Firmware
Export Ope 3. Click	"Update Firmware"	Note) Please specify the Port number of HTTP server if update
Upgrade Firmware pport Logo File VIP Phone Language		Ex : http://192.168.x.xxx:80/HDV130-02.040.fw.part1
1. Click "Upgrade Firmw	are"	Abyss Web Server use Fort.00 as default
Root Certificate File		
Export Logging File		After step3, the Unit restart automatically,
Reset to Defaults Restart		update will start with displaying "ERASING **%"

5. Processing after click "Upgrade Firmware"

- 1. Click "Upgrade Firmware" via WEB.
- 2. HDV Reboots itself.
- 3. HDV downloads the firmware from the HTTP server.
- 4. HDV Reboots itself again.





Appendix.

You can see whether part1/part2 firmware upgrading has been done or not by confirming "IPL Version".

WEB UI : Click "Status" tab -> "Version Information"

Already done

IPL Version	01.0xx / 02.001 [SIP : x.xx]
	or
IPL Version	02.001 [SIP : x.xx]
*: Done at factory	

Not yet

IPL Version	01.0xx / 01.0xx [SIP : x.xx]
	or
IPL Version	01.0xx / 01.0xx
	or
IPL Version	01.0xx [SIP : x.xx]
	or
IPL Version	01.0xx

Reference: How to install Abyss Web Server

Ex. How to install Abyss Web Server(1)

Install

Double click abwsx1.exe



Ex. How to install Abyss Web Server(2)

Install



Ex. How to install Abyss Web Server(3)

Install

Access Credentials - Windows Inte	rnet Explorer		
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ile <u>E</u> dit <u>V</u> iew F <u>a</u> vorites <u>T</u> ools	Help		
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Access Credentials			
Abyss Web Server Console :: Con	sole Configuration :: Access Credentia	r	Help
Please enter a login and Login @: Dsn	a password. You will use them to au	Set Login and Example)	Password.
Password @:		Login : psn	
Password Again @:		Password : ps	sn0101
Windo	ws Security	X	1
The	server 127.0.0.1 at Abyss Web Server Console word.	e requires a username and	
War an ii	ning: This server is requesting that your userna isecure manner (basic authentication without a	ame and password be sent in secure connection).	
	psn ••••••• Remember my credentials		nter Login and Passv
		OK Cancel	

Ex. How to install Abyss Web Server(4)

Change Firewall setting.

Control Panel -> Network and Sharing Center -> Windows Firewall -> Allow a program or feature





Ex. How to install Abyss Web Server(5)

Change Firewall setting.



Ex. How to install Abyss Web Server(6)

Change Firewall setting.

🎡 Control Panel\All Control Panel Items\Windows Firewall\Allowed Programs			
🚱 🕞 🖉 🔹 Control Panel 🔹 All Control Panel Items 🔹 Windows Firewall 🔹 Allowed Programs	- 5	Search Control Panel	P
Allow programs to communicate through Windows Firewall To add, change, or remove allowed programs and ports, dick Change settings. What are the risks of allowing a program to communicate? Allowed programs and features: Name Allowed programs and features: Name As fast, secure and flexible webserver Abyss Web Server X1 BranchCache - Content Retrieval (Uses HTTP) BranchCache - Hosted Cache Client (Uses HTTPS) BranchCache - Hosted Cache Server (Uses HTTPS) BranchCache - Peer Discovery (Uses WSD) Communication Assistant	Home/Work (Pr	Change settings	Check the
Connect to a Network Projector Core Networking db Distributed Transaction Coordinator File and Printer Sharing HomeGroup USCST Service	Detaiļs.	Remove	box.
	Allow a	another p <u>r</u> ogram	