HOLIS

Internal Release Notes

Holis Versatile 2MP Camera Series

Product Code	Model Name	Firmware
JSV02-D02-OI01	Holis Versatile 2MP Dome Out	SS012.01.00.00.15179
JSV02-B04-OI01	Holis Versatile 2MP Bullet	SS012.01.00.00.15179

Product Data
Visit the IP Cameras section of our web site, www.illustracameras.com, to download datasheets and other documentation in PDF format.

January 2021

Note
In case of discrepancy, the information in this document supersedes the information in any document referenced herein.

8200-1994-07_A0

Johnson Controls

Table of Contents

__What's in This Release__

What's New

Firmware SS012.01.00.00.15179

- Introduces the new Holis Versatile 2MP camera models.

JSV02-D02-OI01	H.265 2MP Motorized V/F IR Vandal Proof Dome N/W Camera, 2.8-12mm, 50M IR, Micro SD, DC12V/PoE, IP67/IK10, Smart IVA
JSV02-B04-OI01	H.265 2MP Motorized V/F IR Bullet N/W Camera, 7-22mm, 100M IR, Micro SD, DC12V/PoE, IP67/IK10, Smart IVA

Features

Key Features

- o High resolution, 2 megapixel images, Multiple IP streams of H.264, H.265 and MJPEG video
- o Integration with VideoEdge NVR, VideoEdge Hybrid, victor Unified Client, ExacqVision recorders and Clients
- o Integration with Illustra Connect v 3.5 and above
- o Illustra API v3.4
- o ONVIF 2.4 profile S compliant
- o Power over Ethernet (PoE) or AC powered (model specific)
- o Motion Detection support on camera
- o HWDR (model specific)
- o Auto & Manual White Balance Modes
- o Manual Focus and Zoom Control (model specific)
- o One touch Focus (model specific)
- o Eventing with RTP meta-data streaming
- o Support for up to three Regions of Interest
- o Support for up to four Privacy Zones
- o Support for FTP, SNMP, SMTP, 8021.x and Firewall filtering (model specific)
- o SD card event buffering (requires micro-SD card)
- o Schedule recording (requires micro-SD card)
- o Browser Support: IE only
- o UPnP Discovery
- o Easy to install

Firmware Upgrade

You can upgrade the Holis Camera through the camera web GUI or by using Illustra Connect.

Upgrade Camera Firmware through the Web GUI

NOTE: All camera settings are maintained after you upgrade the camera firmware. It is recommended to clear your browser cache after a firmware upgrade.

1. Using Internet Explorer connect to the camera via the IP Address and login to the Web GUI.
2. Select **Setup** from the web banner to access the setup menus.
3. Select **Maintenance** from the **Upgrade** menu and identify the **Local Upgrade** section.
4. Select **Browse**. The Choose file dialog displays.
5. Navigate to the location where the firmware file has been saved. Select the firmware file then select the **Open** button.
6. Select **Upload**. The file transfer begins and a progress bar displays.
7. Camera upgrade can take up to 5 minutes
8. When upgrade completes, the camera will return to login Screen.

Upgrade Camera Firmware through Illustra Connect

NOTE: All camera settings are maintained after you upgrade the camera firmware.

Procedure: Update Camera Firmware through Illustra Connect 3.5 or above

1. Install and launch the Illustra Connect software utility.
2. From the displayed list of cameras; right-click on the camera requiring the software upgrade.
3. Select **Device Maintenance> Firmware**. The Firmware Upload window will display.
4. Select **Browse** and browse to the firmware upgrade file.
5. Select **Start Firmware Upgrade** to start the upgrade.

Features

Accessing camera for the first time

1. Select Internet Explorer browser and navigate to the camera IP address.

2. Browser should prompt for a plugin installation.

3. Complete plugin wizard installation and return to browser.

4. When you select the camera IP, the sign in page is displayed.

5. Select your preferred language from the drop-down menu. The default language is English.

6. Enter the default username and password when prompted - Username: admin, Password: admin.

7. Click **Log in**. The camera Web User Interface is displayed. The first time that you access the camera, or after a factory reset, you are prompted to **Change Default Password**.

Password Complexity Requirements

Minimum characters: 9

a. Have least one character from each of the following character groups:
    i. upper case letters ABCDEFGHIJKLMNOPQRSTUVWXYZ
    ii. lower case letters abcdefghijklmnopqrstuvwxyz
    iii. numeric characters 0123456789
    iv. Special characters @ % + \ / ' ! # $ ^ ? : , ( ) { } [ ] ~ - _ `

b. The password cannot contain the username.

How to restore admin/admin:

1. Restore factory default camera.

RTSP Authentication

We now require video stream authentication by default
We don't recommend disabling RTSP authentication, but if required it can be managed via Security Tab in camera GUI.

Analytics

Holis 2MP camera	Motion Detection	SD card anomaly
Standalone	Yes	Yes
Edge (VideoEdge and Exacq)	Yes – Events only	No

Stream Tables

Stream Table for JSV02-XXX-XX01 2MP Holis Versatile series

Profile	Codec	60HZ		50HZ	
		Resolution	Max FPS	Resolution	Max FPS
Stream 1	H264	1920x1080		1920x1080	
	H265	1280x720	30	1280x720	25
Stream 2	H264	1280x720		1280x720	
	H265	704x480	30	704x576	25
	MJPEG	352x240		352x288	
Stream 3	H264	704x480		704x576	
	H265	480x240	30	480x240	25
	MJPEG	352x240		352x288	

Note: A maximum of 10 concurrent streams are supported by the JSV02-XXX-XX01 cameras. This includes shared streams.

Known Limitations and Issues

Description	Suggested Work-Around
Connection error seen occasionally when preforming a FW upgrade.	Select Retry pop-up.
Unable to enable/disable IPv6 DHCP using iAPI3	Use Camera Web GUI
Unable to configure Multicast address and settings via iapi3	Use Camera Web GUI, Multicast Server not supported for this release
Factory reset doesn't reset the local config settings	None
Occasionally logging onto the camera shows a connection error and GUI cannot be navigated	Power cycle the camera or use a Tool to restart it such as Illustra Connect.
After a config restore with a device name change on the camera the Onvif device name appears blank.	None
Unable to export video from SD card	None
Unable to export Pictures from the SD card to the PC.	None
Config>Storage>Download>Search Page doesn't work.	To search SD card Select Search from the View selection at the top of the Web GUI
Local storage of videos and pictures feature not implemented although still appears on the WebGUI.	None
HTTPS certification Default certificate missing SAN (Subject Alternative Name)	None
'No permission to perform this action' pop up when making changes to Admin>Config>System>Local Config>	None.
Sometimes logging onto the camera a connection error will appear Sometimes logging onto the camera a connection error will appear	Run the following command to reboot the camera http://'Camera.IP.Address'/iAPI/reboot.cgi?
DNS address not being applied using Illustra Connect	Use camera GUI to apply DNS settings
Snapshot and recording buttons on live view page return error 'No permission to perform this action'	Recording can be enabled Config>Storage>Config>Record

Description	Suggested Work-Around
The cameras will count each enabled multicast stream as an active stream even if it isn't being used.	Only enable a multicast stream if it is being used to avoid running out of streams. Resources which is 10 for JSV02-XXX-XX01.
SNMP Walk shows incorrect information.	None
No snapshot available on Illustra Connect for JSV02-XXX-XX01 cameras	None
Adding a user with incorrect password requirements does not result in error although the user does not get created	Use correct password requirements for the user
Config>Security>Block and Allow lists> Block MAC address doesn't work	Block by IP address as an alternative
UPnP Properties>Device details>model> incorrect website link	Use Manufacturer link
Invalid NTP server address is accepted	Ensure to enter correct NTP server address
Bulk configuration on Illustra connect currently not supported in this release	None
Camera may show incorrect Analytics setting when integrating with iAPI3 servers	Only motion detection is supported for analytics integration
Camera may show incorrect PTZ focus, iris setting when integrating with iAPI3 servers	Ignore these as are currently incorrect
Privacy Zones, Motion mask and ROI don't rotate in line with the corridor mode	Have the camera in Corridor mode prior to creating motion masks etc.
Default GOP shall be 30 (NTSC) 25 (PAL)	GOP will be set to 30 (NTSC) 25 (PAL), at default but will work dynamically with frame rate change after that where GOP = FPS x4. Review GOP value when changing FPS to determine it is correct for your needs.

Server Integration Limitations

Description	Suggested Work-Around
When camera in corridor mode on ExacqVision the bottom half of the image is masked out on the motion tab	None
Edge alerts not coming through to victor when camera added as Onvif to VideoEdge	If Edge events are required camera should be added VideoEdge using Illustra iAPI3 Handler
Applying a Restore Config to a camera while added to an NVR may cause the camera to stop streaming to the NVR	Apply configuration file to the camera before adding to the NVR.
Instances of Video loss seen on cameras when added as Onvif	Where available use Illustra iAPI3 handler when adding camera to recorder

Contact Information

If you have any questions regarding these release notes, please contact Tyco Security Products Technical Services at:

Toll Free: 800-507-6268, Option 2   **International:** 561-912-6259, Option 2   **Alternative Number:** 800-392-2873

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