

VER (ActiveX VER) Release Date	Priority Rank Level				Issue (Phenomenon)	Occurrence condition	Correspondence
	A	B	C	U			
Ver1.00 (4.50.35) July, '19					First production.		
Ver1.01 (4.50.35) Aug., '19			x		The position of the preset position memory may be shifted in the pan direction.	After turning power off and on, also after making position refresh.	Fixed. Please make sure the existing preset positions after upgrading the firmware.
Ver4.20 (4.50.35) Sept., '19	C			x	-	-	Improved accuracy of the privacy mask position at Pan/Tilt.
				x	-	-	Supported multi-browsers other than the Internet Explorer. Some restrictions apply: click here for details.
				x	-	-	In FTP / SNMP authentication, "Authentication error" is logged in the system log by failing authentication more than a certain condition.
				x	-	-	Supported EasyIpSetup software (Ver4.31R00) and became to display serial numbers of devices.
				x	-	-	Updated (Enhanced) SNMP MIB information. The document of i-PRO camera management information (MIB) is available at the following URL; https://security.panasonic.com/training_support/panasonic_device_integration/snmp-mib/
				x	-	-	Improved so that available to connect with HIKVision recorder by CGI command.
				x	-	-	Improved Pan/Tilt operability when connected to VMS (Video Management Software).
				x	-	-	Failed upgrading firmware by sending a certain CGI command for camera operation under VMS (Video Management Software) environment. Also unable to operate Pan/Tilt.
				x	-	-	Pan/Tilt moves the opposite direction by tapping the right edge etc. on the tablet screen.
				x	-	-	There was a possibility of resource destruction in ONVIF communication.
		x	-	-	Camera may not be able to be found by the ONVIF search.		
		x	-	-	Recording may not stop when changing imaging capture mode.		
		x	-	-	"Auto track" by self-return does not work after losing the object when Lost object search of Auto track = "off".		

*: ONVIF is a trademark of Onvif, Inc.

Corrected on Nov. 8, 2019

VER (ActiveX VER) Release Date	Priority Rank Level				Priority Rank Level A: Recommend to apply (Major or serious update) B: When issue happened C: Maintenance timing U: Function /Performance improvement (Not Necessary to update)	Contents		
	A	B	C	U		Issue (Phenomenon)	Occurrence condition	Correspondence
				x		VMD Alarm may not be detected even if crossing the line at the bottom of the screen.	-	Fixed.
				x		One of the authentications failed and the sound could not be heard when attempting to connect two sessions at the same time.	-	Fixed.
					x	-	-	Added displaying a note on the screen at Service in the DDNS setting screen, when "Dynamic DNS Update" or "Dynamic DNS Update (DHCP)" is selected.
					x	-	-	Improved the characters display in the screen from 2 tones to grayscale for smooth display.
					x	-	-	Added a CGI command to occur alarm; /Set?Func=SoftTrigger or /cgi-bin/Set?Func=SoftTrigger or /cgi-bin/comalarm.cgi
					x	-	-	Added tamper detection information to additional information when using the function expansion software "i-VMD"
					x	-	-	Enhanced security.
					x	Unable to hear audio in both ONVIF and browser when setting the "Interactive(Half-duplex)" at Audio output and streaming AudioBackChannel in ONVIF.	-	Fixed.
					x	Zoom stops momentarily for each Zoom operation by making a PTZ operation with ContinuousMove command of ONVIF.	-	Fixed.
					x	The face best shot image, used to display face search history data in Video Management Software, may not be created properly. (Occurrence frequency: Rare)	-	Fixed.
					x	The camera may restart unexpectedly by displaying live sequence at network recorder while in recording.	-	Fixed.
					x	The patrol stop position may shift by becoming longer exposer time such as at night.	-	Fixed.
					x	The slide-bar for VMD may not be able to be slid.	In Compatibility View mode on Internet Explorer.	Fixed.
					x	Stop position by patrol may shift when the shutter becomes slower, such as at night.	-	Fixed.
					x	The camera may restart due to memory access error. (Occurrence frequency: Rare)	-	Fixed.

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Ver4.20
(4.50.35)
Sept.,'19

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				x	Fixed the auto tracking standby display that was displayed as Operation mode display: On. ("AUTO TRACK WAITTING"--->"AUTO TRACK WAITING")	-	Fixed.
				x	The camera may fail in upgrading of firmware, in VMS (Video Management Software) connection environment (sending a certain CGI command for camera control), and become unable to do Pan/Tilt operation or the like.	-	Upgrade the camera with the file of firmware version 4.20 (or later) for a second time.
Ver4.22 (4.50.35) Nov.,'19	C			x	"Transmission type" and "Multicast address" configured by system configuration tool, may not be saved.	-	Fixed.
				x	-	-	Improved a phenomenon that CPU load might increase after updating for V4.20.
Ver4.23 (4.50.38) Jan.,'20	U			x	-	-	Supports multi-browsers Google Chrome, Firefox and Microsoft Edge in addition to Internet Explorer for; - the setup screen of the extension function "i-VMD" - i-VMD frame display on the live image - the face detection frame on the live image
				x	-	-	Changed the company name in the plug-in software Active X to the new one.

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Important notes for users of Chinese market models only:

1. The face detection function does not work when the frame rate is set to 25fps or 50fps.
2. Stabilizer does not work when the frame rate is set to 60 fps, 50 fps, or 25 fps.