

WV-V6430L Specifications

● Basic

Power source:*	24 V AC, PoE+
Power consumption:*	24 V AC: 3 A (50/ 60Hz) PoE+ 54 V DC: 450 mA (Class 4 device)
Operating environment	
Ambient operating temperature:	-30 °C to +55 °C {-22 °F to 131 °F}
Ambient operating humidity:	10 % to 90 % (no condensation)
Storage environment	
Storage temperature:	-40 °C to +70 °C {-40 °F to 158 °F}
Storage humidity:	10 % to 95 % (no condensation)
Audio Interface:	Audio IN 1 channel/ Audio OUT 1 channel
Waterproof:	Main body: IP66
Dimensions:	ø186 mm × 310 mm (H) {ø7-5/16 inches × 1ft 7/32 inches (H)}
Mass:	Approx. 3.9 kg {8.6 lbs}

* Refer to our website (<http://security.panasonic.com/library/v/en/>) for further information about Power source and Power consumption.

● Camera

Image sensor:	Approx. 1/2.8" type MOS image sensor
Effective pixels:	Approx. 2 mega pixels
Scanning system:	Progressive
Minimum illumination:	Color: 0.005 lx (F1.6, Maximum shutter: 1/1s, Gain: 100)* 0.13 lx (F1.6, Maximum shutter: 1/30s, Gain: 100) BW: 0 lx (F1.6, Maximum shutter: 1/30s, Gain: 100, when the IR LED is lit) 0.0002 lx (F1.6, Maximum shutter: 1/1s, Gain: 100)* 0.005 lx (F1.6, Maximum shutter: 1/30s, Gain: 100) * Converted value
Gain:	Auto/ Manual
Back light compensation:	OFF/ BLC/ HLC/ WDR
Shutter speed:	Auto/ Shutter Priority/ Aperture Priority/ Manual, 1/1 sec~1/30000 sec
Day/Night:	Auto(ICR)/ Color/ Black & White/ Photoresistor
IR LED Light:	Irradiation distance: 150 m {approx. 492 ft} (AC 24 V)
White balance:	Auto/ Manual/ ATW/ Outdoor/ Indoor/ Outdoor Auto/ Sodium Lamp Auto/ Sodium Lamp
Digital noise reduction:	Ultra DNR (2D/3D) ON/ OFF
Privacy masking:	Up to 24 areas
Video Motion Detection (VMD):	Off/ On (4 Zone, Rectangle)
Tampering detection	Off/ On
Image rotation	0 °/ 180 °

● Lens

Zoom ratio:	30x Optical
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Digital (electronic) zoom:	16x
Focal length:	4.5 mm ~ 135.0 mm {3/16 inches ~ 5-5/16 inches}
Maximum aperture ratio:	1 : 1.6 (WIDE) – 1 : 4.4 (TELE)
Angular field of view:	H: 2.4 ° (TELE) – 60 ° (WIDE) V: 1.8 ° (TELE) – 36 ° (WIDE)

● Panning/tilting platform

Panning range:	360 ° Endless panning
Panning speed:	Manual: approx. 9.4 °/s to 120 °/s, up to 256 steps (depending on the controller) Preset: up to approx. 120 °/s
Tilting range:	Operational range: -15 ° - 90 ° (Low angle – horizontal – vertical)
Tilting speed:	Manual: approx. 5.8 °/s to 120 °/s, up to 256 steps (depending on the controller) Preset: up to approx. 100 °/s
Number of the preset positions:	300
PTZ mode:	5 Pattern, 8 Tour, 5 Auto Scan

● Network

Network:	10BASE-T/ 100BASE-TX, RJ45 connector
Resolution:	1080P (1920x1080)/ 1.3 M (1280x960)/ 720P (1280x720)/ VGA (640x480)/ 640x360/ 320x240
Image compression method:	H.265/ H.264/ H.264H/ H.264B/ MJPEG
Frame Rate:	1080P (1~50/60 fps)/ 1.3M (1~25/30 fps) /720P(1~25/30 fps)
Audio compression method:	G.711μ/ G.726/ AAC
Protocol:	IPv4/ IPv6, HTTP, HTTPS, SSL, TCP/ IP, UDP, UPnP, ICMP, IGMP, SNMP, RTSP, RTP, RTCP, SMTP, NTP, DHCP, DNS, DDNS, FTP, QoS, 802.1x, Multicast
Maximum concurrent access number:	20 users (Number of sessions that can connect to cameras at the same time)
OS:	Microsoft® Windows® 10 Microsoft® Windows® 8.1 Microsoft® Windows® 8 Microsoft® Windows® 7
Browser:	Windows® Internet Explorer® 11

● Auxiliary Interface

Compatible micro SDXC/ SDHC memory card:*1 *2	4 ~ 128 GB
I/O Port:	Alarm Input 2 channels/ Output 1 channel

*1 When repeatedly recording images on a micro SD memory card using the auto overwrite function, make sure to use a micro SD memory card with high reliability and durability.

*2 Use the micro SD memory card that complies with UHS-I (Ultra High Speed-I) and SD Speed Class 10. Refer to our websight (<http://security.panasonic.com/library/v/en/>) in detail.