









MEGAPIXEL IP CAMERAS

1080P Full HD Real-Time IP Camera

						
Model	HLC-79CD <i>Patent No.: TW_M321533</i>	HLC-1NCD	HLV-1WCD <i>Patent No.: TW_M399390</i>	HLC-81CD	HLC-79CD/A	HLC-7RCDS <i>Patent No.: TW_M321533</i>
Image Sensor	1/2.7" CMOS sensor	1/2.7" CMOS sensor	1/2.7" CMOS sensor	1/2.7" CMOS sensor	1/2.7" CMOS sensor	1/2.9" Sony Exmor CMOS Sensor
Lens	Vari-focal 3.6-16mm F1.2	Vari-focal 3-9mm F1.8	Vari-focal 3-9mm F1.8	CS mount	3X (3-9mm) Zoom Lens	Vari-Focal 3.6-16mm F1.2
Sensitivity	Color : 0.1 Lux (IR OFF) B / W: 0 Lux (IR ON)	Color : 0.1 Lux (IR OFF) B / W: 0 Lux (IR ON)	Color : 0.1 Lux (IR OFF) B / W: 0 Lux (IR ON)	Color : 0.1 Lux (AGC ON) B / W: 0.05 Lux (AGC ON)	Color : 0.1 Lux (IR OFF) B / W: 0 Lux (IR ON)	Color : 0.01 Lux (IR OFF) B / W: 0 Lux (IR ON)
IR Distance	35 LEDs, 25 Meters	18 LEDs, 15 Meters	18 LEDs, 15 Meters	N/A	35 LEDs, 25 Meters	21 LEDs, 50 Meters
Angle of View	23.6°~97.9°(H), 14.2°~51.6°(V)	35.5°~126.8°(H), 21.6°~69.4°(V)	35.5°~126.8°(H), 21.6°~69.4°(V)	N/A	31.7°~93° (H), 23.8°~68.4° (V)	21.5°~77.6° (H), 16.1°~56.1° (V)
Video Compression	H.264/ M-JPEG/ MPEG4 (3GPP only)	H.264/ M-JPEG/ MPEG4 (3GPP only)	H.264/ M-JPEG/ MPEG4 (3GPP only)	H.264/ M-JPEG/ MPEG4 (3GPP only)	H.264/ M-JPEG/ MPEG4 (3GPP Only)	H.264/MJPEG/MPEG4 (3GPP only)
Max. Resolution	1920x1080	1920x1080	1920x1080	1920x1080	1920x1080	1920x1080
Resolution	1920x1080@30fps	1920x1080@30fps	1920x1080@30fps	1920x1080@30fps	1920x1080@30fps	1920x1080@30fps
Audio Compression	G.711(64K)/ G.726(24Kbps/32kbps)	G.711(64K)/ G.726(24Kbps/32kbps)	G.711(64K)/ G.726(24Kbps/32kbps)	G.711(64K)/ G.726(24Kbps/32kbps)	G.711(64K)/ G.726(32K,24K)	G.711(64K)/ G.726(32K,24K)
Audio	Input: 3.5mm phone jack Output: 3.5mm phone jack Support 2-way audio	Input: Audio input Output: Line output Support 2-way audio	Input: Audio input Output: Line output Support 2-way audio	Input: Mic Built-in, 3.5mm phone jack(auto switch) Output: 3.5mm phone jack Support 2-way audio	Input : 3.5mm phone jack, audio in Output: 3.5mm phone jack, Support 2-way.	Input : 3.5mm phone jack, audio in Output: 3.5mm phone jack, Support 2-way.
I/O	DI x 1 /DO x 1	DI x 1 /DO x 1	DI x 1 /DO x 1	Alarm in x 1/ Alarm out x 1	DI x 1 /DO x 1	DI x 1 /DO x 1
Security	Password protection, IP address filtering, HTTPS encrypted data transmission, 802.1X port-based authentication for network protection	Password protection, IP address filtering, HTTPS encrypted data transmission, 802.1X port-based authentication for network protection	Password protection, IP address filtering, HTTPS encrypted data transmission, 802.1X port-based authentication for network protection	Password protection, IP address filtering, HTTPS encrypted data transmission, 802.1X port-based authentication for network protection	Password protection, IP address filtering, HTTPS encrypted data transmission, 802.1X port-based authentication for network protection	Password protection, IP address filtering, HTTPS encrypted data transmission, 802.1X port-based authentication for network protection
Network Protocol	IPv6, IPv4, TCP/IP, UDP, SMTP, FTP, PPPoE, DHCP, DDNS, NTP, UPnP, 3GPP, SAMBA, Bonjour	IPv6, IPv4, TCP/IP, UDP, SMTP, FTP, PPPoE, DHCP, DDNS, NTP, UPnP, 3GPP, SAMBA, Bonjour	IPv6, IPv4, TCP/IP, UDP, SMTP, FTP, PPPoE, DHCP, DDNS, NTP, UPnP, 3GPP, SAMBA, Bonjour	IPv6, IPv4, TCP/IP, UDP, SMTP, FTP, PPPoE, DHCP, DDNS, NTP, UPnP, 3GPP, SAMBA, Bonjour	IPv6, IPv4, TCP/IP, UDP, SMTP, FTP, PPPoE, DHCP, DDNS, NTP, UPnP, 3GPP, SAMBA, Bonjour	IPv6, IPv4, TCP/IP, UDP, SMTP, FTP, PPPoE, DHCP, DDNS, NTP, UPnP, 3GPP, SAMBA, Bonjour
Power Consumption	DC12V: 3.8W (IR Off), 5.8W (IR On) PoE: 4.8W (IR Off), 7.7W (IR On) With Heater: DC12V: 10.6W (IR Off), 12.0W (IR On) PoE: 13.3W (IR Off), 15.2W (IR On)	DC12V: 3.2W (IR Off) 4.9W (IR On) PoE: 4.3W (IR Off) 6.2W (IR On)	DC12V: 4.1W (IR Off),5.5W (IR On) PoE: 5.3W (IR Off),6.7W (IR On) With Heater: DC12V: 7.1W (IR Off), 8.3W (IR On) PoE: 8.6W (IR Off), 10.6W (IR On)	DC12V: 3.8W AC24V: 4.3W PoE: 4.8W	DC12V: 6.2W(IR on), 4.3W(IR off) PoE: 8.2W(IR on), 5.3W(IR off)	DC 12V : 7.4W (IR On) PoE : 8.6W (IR On)
Others	IP66, 3-Axis Cable Management, Motion Detection, Privacy Mask, support Micro SD card, Heater (-40°C~50°C, Option), Wireless (Option), BNC	3-Axis bracket, Motion Detection, Privacy Mask, support SD card, BNC	IP66, 3-Axis bracket, Vandal Proof, Motion Detection, Privacy Mask, support Micro SD card, Heater (-30°C~50°C, Option), BNC	RS485, Motion Detection, Privacy Mask, support SD card, Wireless (Option), BNC	IP66, 3-Axis Cable Management, Motion Detection, Privacy Mask, support Micro SD card, Wireless (Option), BNC	IP66, Motion Detection, Privacy Mask, support Micro SD card, Wireless (Option), BNC

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1080P Full HD Real-Time IP Camera

		
Model	HLC-85BD	HLC-84BD
Image Sensor	1/3.2" CMOS sensor	1/3.2" CMOS sensor
Lens	3.6mm F1.6	3.6mm F1.6
Sensitivity	Color : 1.0 Lux (IR OFF) B / W: 0 Lux (IR ON)	0.5 Lux (AGC ON)
IR Distance	4 LEDs, 5 Meters	N/A
Angle of View	N/A	53.1°(H), 29.5°(V)
Video Compression	H.264/ M-JPEG/ MPEG4	H.264/ M-JPEG/ MPEG4
Max. Resolution	1920x1080	1920x1080
Resolution	1920x1080@25fps 1280x800@25fps 640x480@30fps	1920x1080@25fps 1280x800@25fps 640x480@30fps
Audio Compression	G.711(64K)/ G.726(32K,24K)	G.711(64K)/ G.726(24Kbps/32kbps)
Audio	Input : Mic built-in Output : 3.5mm phone jack, or Speaker Support 2-way audio	Input: Mic Built-in Output: 3.5mm phone jack Support 2-way audio
I/O	DI x 1 /DO x 1	DI x 1 /DO x 1
Security	Password protection, IP address filtering, HTTPS encrypted data transmission, 802.1X port-based authentication for network protection	Password protection, IP address filtering, HTTPS encrypted data transmission, 802.1X port-based authentication for network protection
Network Protocol	IPv6, IPv4, TCP/IP, UDP, SMTP, FTP, PPPoE, DHCP, DDNS, NTP, UPnP, 3GPP, SAMBA, Bonjour	IPv6, IPv4, TCP/IP, UDP, SMTP, FTP, PPPoE, DHCP, DDNS, NTP, UPnP, 3GPP, SAMBA, Bonjour
Power Consumption	DC12V : 2.9W(IR Off), 3.1W(IR On) PoE : 3.8W(IR Off), 4.3W(IR On)	DC12V: 2.6W PoE: 3.4W
Others	PIR, Motion Detection, Privacy Mask, support Micro SD card, Wireless (Option)	Motion Detection, Privacy Mask, support Micro SD card, Wireless (Option)

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