



## FHV7X-C016-S12-W-01

AI Detection Camera, focal length 12 mm, colour type, 1.6 Mpix resolution, white illuminator, motorized lens module, 24 VDC, IP67, pre-assembled

# Specifications

Application	AI defect inspection, AI product detection
Number of pixels	1.6 MP
Camera with lens	✓
Communication port(s)	EtherNet/IP, Ethernet TCP/IP, PROFINET Slave
Focal length	12 mm
Focus distance	60-1000 mm
Autofocus	✓
Camera type	Color
Frame rate	224 fps
Illumination	White LED
Image width	1440 pixels
Image height	1080 pixels
Pixel size	3.45 µm
Shutter type	Global
Image sensor format	1/2.9"
Image sensor type	CMOS
Lens type	Motorized
Degree of protection (IP)	IP67

# Accessories



FHV-VDB2 10M

FHV7 Power / IO Cable, straight 10 m, M12 connector



**FHV-VDB2 20M**

FHV7 Power / IO Cable, straight 20 m, M12 connector



**FHV-VDB2 2M**

FHV7 Power / IO Cable, straight 2 m, M12 connector



**FHV-VDB2 3M**

FHV7 Power / IO Cable, straight 3 m, M12 connector



**FHV-VDB2 5M**

FHV7 Power / IO Cable, straight 5 m, M12 connector



**FHV-VDLB2 10M**

FHV7 Power / IO Cable, right angle 10 m, M12 connector



**FHV-VDLB2 20M**

FHV7 Power / IO Cable, right angle 20 m, M12 connector



**FHV-VDLB2 2M**

FHV7 Power / IO Cable, right angle 2 m, M12 connector



**FHV-VDLB2 3M**

FHV7 Power / IO Cable, right angle 3 m, M12 connector



**FHV-VDLB2 5M**

FHV7 Power / IO Cable, right angle 5 m, M12 connector



**FHV-VNB2 10M**

FHV7 Ethernet cable, straight 10 m, M12 connector



**FHV-VNB2 20M**

FHV7 Ethernet cable, straight 20 m, M12 connector



**FHV-VNB2 2M**

FHV7 Ethernet cable, straight 2 m, M12 connector



**FHV-VNB2 3M**

FHV7 Ethernet cable, straight 3 m, M12 connector



**FHV-VNB2 5M**

FHV7 Ethernet cable, straight 5 m, M12 connector



**FHV-VNLB2 10M**

FHV7 Ethernet cable, right angle 10 m, M12 connector



**FHV-VNLB2 20M**

FHV7 Ethernet cable, right angle 20 m, M12 connector



**FHV-VNLB2 2M**

FHV7 Ethernet cable, right angle 2 m, M12 connector



**FHV-VNLB2 3M**

FHV7 Ethernet cable, right angle 3 m, M12 connector



**FHV-VNLB2 5M**

FHV7 Ethernet cable, right angle 5 m, M12 connector



**FHV-VUB2 10M**

Smart Camera data unit cable, bend resistant, 10 m



**FHV-VUB2 20M**

Smart Camera data unit cable, bend resistant, 20 m



**FHV-VUB2 2M**

Smart Camera data unit cable, bend resistant, 2 m



**FHV-VUB2 3M**

Smart Camera data unit cable, bend resistant, 3 m



**FHV-VUB2 5M**

Smart Camera data unit cable, bend resistant, 5 m



**FHV-VULB2 10M**

Smart Camera data unit cable, bend resistant, right angle, 10 m



**FHV-VULB2 20M**

Smart Camera data unit cable, bend resistant, right angle, 20 m



**FHV-VULB2 2M**

Smart Camera data unit cable, bend resistant, right angle, 2 m



**FHV-VULB2 3M**

Smart Camera data unit cable, bend resistant, right angle, 3 m



**FHV-VULB2 5M**

Smart Camera data unit cable, bend resistant, right angle, 5 m



**FHV-XMT-7**

Fixture for FHV7



**NYE2A-20F11-12WR1200**

Touch screen HMI Panel PC with FHV7 Viewer, Windows 10 IOT 2021, Intel Atom E3950 CPU, 12 inch, 1 x RS-232C, 2 x Ethernet (10/100/1000 Base-T), 2 x USB 2.0 Ports, 1 x USB 3.0 Port, 128 GB CFAST, 24 VDC, black case



**NYE2A-20F11-12WR1300**

Touch screen HMI Panel PC with FHV7 viewer, Windows 10 IOT 2021, Intel Atom E3950 CPU, 12 inch, 1 x RS-232C, 2 x Ethernet (10/100/1000 Base-T), 2 x USB 2.0 Ports, 1 x USB 3.0 Port, 128 GB CFAST, 24 VDC, silver case



**NYE2A-20F11-15WR1200**

Touch screen HMI Panel PC with FHV7 Viewer, Windows 10 IOT 2021, Intel Atom E3950 CPU, 15 inch, 1 x RS-232C, 2 x Ethernet (10/100/1000 Base-T), 2 x USB 2.0 Ports, 1 x USB 3.0 Port, 128 GB CFAST, 24 VDC, black case



**NYE2A-20F11-15WR1300**

Touch screen HMI Panel PC with FHV7 Viewer, Windows 10 IOT 2021, Intel Atom E3950 CPU, 15 inch, 1 x RS-232C, 2 x Ethernet (10/100/1000 Base-T), 2 x USB 2.0 Ports, 1 x USB 3.0 Port, 128 GB CFAST, 24 VDC, silver case



**S8VK-S12024**

Book type power supply, 120 W, 24VDC, 5A, DIN rail mounting, Push-in terminal, Coated



**W4S1-05D**

5-port enhanced Ethernet switch

**XW2Z-050EE**

Parallel I/O cable for terminal block XW2R-\_34G-T, 0.5 m

**XW2Z-100EE**

Parallel I/O cable for terminal block XW2R-\_34G-T, 1 m

**XW2Z-200EE**

Parallel I/O cable for terminal block XW2R-\_34G-T, 2 m



**XW2Z-S013-2**

Parallel I/O cable, 2m, for FH series only

