

V430-F000W50C-NNX

V430 Code Reader, 5 MP Color, Wide view, Autofocus 50-300 mm, No outer light, X-Mode, Ethernet TCP/IP, EtherNet/IP, PROFINET, IP65/IP67

Specifications

Number of pixels	5.0 MP
Camera type	Color
Autofocus	✓
Focus distance	50-300 mm
Field of view (width)	52-282 mm
Decoder type	X-Mode (advanced 1D+2D+DPM)
Frame rate	5 fps
Illumination	Inner LEDs only
Image width	2592 pixels
Image height	1944 pixels
Shutter type	Rolling
Communication port(s)	EtherNet/IP, Ethernet TCP/IP, PROFINET Slave, Serial RS-232C
Digital output type	PNP
Product Height (unpacked)	25.4 mm
Product Width (unpacked)	44.5 mm
Product Depth (unpacked)	56.9 mm
Degree of protection (IP)	IP65/IP67

Accessories



98-9000045-03

V/F 4x0-F Red high brightness standard LED installation kit

	V430-AF11	Diffuser Installation Kit for V/F4X0-FXXXXXXXX-XXX
	V430-AF12	Polarizer Installation Kit for V/F4X0-FXXXXXXXX-XXX
	V430-AF3	V/F 4x0-F Right angle mirror
	V430-AF4	Kit, YAG Filter, F/V43XX
	V430-AF5	Kit, ESD Window, F/V4XX
	V430-AF6	V/F 4x0-F Standard Red filter Installation Kit
	V430-AF7	V/F 4x0-F Standard Blue filter Installation Kit
	V430-ALB	V/F 4x0-F Blue Standard Light Installation Kit
	V430-ALI	V/F 4x0-F IR Standard Light Installation Kit
	V430-ALR	V/F 4x0-F Red Standard Light Installation Kit
	V430-ALW	V/F 4x0-F White Standard Light Installation Kit
	V430-AM0	V/F 4x0-F L Bracket Adjustable Angle Mounting Kit
	V430-AM1	V/F 4x0-F 1/4-20 Camera Tripod Mounting Block Kit
	V430-AM2	V/F 4x0-F 4" (102 mm) Ram Mount Stand



V430-AM3

V/F 4x0-F APG Pan and Tilt Camera Mount

V430-AM4

V/F 4x0-F Nylon Screw and Washer Electrical Isolation Mounting Kit

V430-AM5

V/F 4x0-F MS-4 / MINI to V/F4XX-F Adapter Plate

V430-AM6

V/F 4x0-F Smart Ring Light to V/F4XX-F Mounting Bracket

V430-AM7

V/F 4x0-F QX / Vision HAWK to V/F4XX-F Adapter Plate



V430-W8-10M-E

V/F 430-F M12 to Flying Leads Cable, 10 m



V430-W8-15M-E

V/F 430-F M12 to flying leads cable, 15 m



V430-W8-20M-E

V/F 430-F M12 to Flying Leads Cable, 20 m



V430-W8-2M-E

V/F 430-F M12 to flying leads cable, 2 m



V430-W8-3M

V/F 430-F M12 to Flying Leads Cable, 3 m



V430-W8-5M

V/F 430-F M12 to Flying Leads Cable, 5 m



V430-W8F-3M

V/F 430-F M12 to Flying Leads Cable, with power filter, 3 m









V430-W8F-5M

V/F 430-F M12 to Flying Leads Cable, with power filter, 5 m

V430-W8LD-10M-E

V/F 430-F M12 to flying leads cable, right angle down, 10 m

	V430-W8LD-15M-E	V/F 430-F M12 to flying leads cable, right angle down, 15 m
	V430-W8LD-20M-E	V/F 430-F M12 to flying leads cable, right angle down, 20 m
	V430-W8LD-3M	V/F 430-F M12 to Flying Leads Cable, right angle down, 3 m
	V430-W8LD-5M-E	V/F 430-F M12 to flying leads cable, right angle down, 5 m
	V430-W8LU-10M-E	V/F 430-F M12 to flying leads cable, right angle up, 10 m
	V430-W8LU-15M-E	V/F 430-F M12 to flying feads cable, right angle up, 15 m
	V430-W8LU-20M-E	V/F 430-F M12 to flying leads cable, right angle up, 20 m
	V430-W8LU-3M	V/F 430-F M12 to Flying Leads Cable, right angle up, 3 m
	V430-W8LU-5M-E	V/F 430-F M12 to flying leads cable, right angle up, 5 m
	V430-WE-10M-E	V/F 430-F Ethernet cable M12 plug on camera to RJ45 connector, 10 m
	V430-WE-15M-E	V/F 430-F Ethernet cable M12 plug on camera to RJ45 connector, 15 m
	V430-WE-1M	V/F 430-F Ethernet cable M12 plug on camera to RJ45 connector, 1 m
	V430-WE-20M-E	V/F 430-F Ethernet cable M12 plug on camera to RJ45 connector, 20 m
	V430-WE-2M-E	V/F 430-F Ethernet cable M12 plug on camera to RJ45 connector, 2 m



V430-WE-3M

V/F 430-F Ethernet cable M12 plug on camera to RJ45 connector, 3 m



V430-WE-5M

V/F 430-F Ethernet cable M12 plug on camera to RJ45 connector, 5 m

V430-WELD-10M-E

V/F 430-F Ethernet cable M12 plug on camera to RJ45 connector, right angle down, 10 m

V430-WELD-15M-E

V/F 430-F Ethernet cable M12 plug on camera to RJ45 connector, right angle down, 15 m

V430-WELD-1M-E

V/F 430-F Ethernet cable M12 plug on camera to RJ45 connector, right angle down, 1 m

V430-WELD-20M-E

V/F 430-F Ethernet cable M12 plug on camera to RJ45 connector, right angle down, 20 m

V430-WELD-3M

V/F 430-F Ethernet cable M12 plug on camera to RJ45 connector, Right angle down, 3 m

V430-WELD-5M-E

V/F 430-F Ethernet cable M12 plug on camera to RJ45 connector, right angle down, 5 m

V430-WELU-10M-E

V/F 430-F Ethernet cable M12 plug on camera to RJ45 connector, Right angle up, 10 m

V430-WELU-15M-E

V/F 430-F Ethernet cable M12 plug on camera to RJ45 connector, right angle up, 15 m

V430-WELU-1M-E

V/F 430-F Ethernet cable M12 plug on camera to RJ45 connector, right angle up, 1 m

V430-WELU-20M-E

V/F 430-F Ethernet cable M12 plug on camera to RJ45 connector, Right angle up, 20 m



V430-WELU-3M

V/F 430-F Ethernet cable M12 plug on camera to RJ45 connector, Right angle up, 3 m

V430-WELU-5M-E

V/F 430-F Ethernet cable M12 plug on camera to RJ45 connector, right angle up, 5 m

V430-WQ-1M

V/F 430-F Camera to QX-1 interconnect cable, M12 socket to M12 plug, 1 m

V430-WQK-3M

V/F 430-F Camera to QX-1 interconnect cable with USB keyboard wedge breakout, 2.7 m



V430-WQR-3M

V/F 430-F Camera to QX-1 interconnect cable with RS-232 breakout, 2.7 m



V430-WR-1M

V/F 430-F Cable, M12 socket to RS-232 DB9 socket, 1 m



V430-WR-3M

V/F 430-F Cable, M12 socket to RS-232 DB9 socket, 3 m

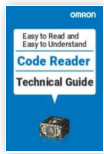
Spare parts



V430-AF10

Front Window Installation Kit for V/F4X0-FXXXXXXXX-XXX

CAD Library



Code Reader Technical Manual

EN PDF 1.08 MB



Code Reader Group Catalog

EN PDF 5.63 MB



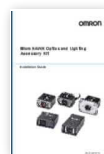
EAC Mark removal Discontinuation Notice

EN PDF 221 KB



Firmware v2.2.0 Software

EN ZIP 35.9 MB



MicroHAWK Optics and Lighting Accessory Kit Installation Manual

EN PDF 8.25 MB



MicroHAWK V Series Users Manual

EN PDF 47.9 MB



MicroHAWK V Series Brochure

EN PDF 1.58 MB



MicroHAWK V Series Communications Manual

EN PDF 6.7 MB



MicroHAWK V430-F Datasheet

EN PDF 8.14 MB



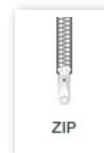
NX-series -[Ethernet TCP/IP]- V330-F, V430-F Code Readers Connection Guide

EN PDF 2.89 MB



NX-series -[RS-232C]- V320-F, V420-F, V430-F Code Readers Connection Guide

EN PDF 2.48 MB



OMRON_Microscan_DDU_Installer_4.0.0 Software

EN ZIP 40.3 MB



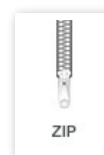
Omron V430-F, V330-F EtherNet/IP EDS file

EN ZIP 389 KB



Omron V430-F, V330-F PROFINET GSDML file

EN ZIP 353 KB



Traceability Solutions Toolbox Software

EN ZIP 6.05 MB



V420-F/V430-F MicroHAWK Autofocus Multi Code Reader Brochure

EN PDF 4.77 MB



V430-F Leaflet

EN PDF 1.11 MB

