

# V430-F000N12M-NNX

V430 Code Reader, 1.2 MP Monochrome, Narrow view, Autofocus 40-150 mm, No outer light, X-Mode, Ethernet TCP/IP,  
EtherNet/IP, PROFINET, IP65/IP67

# Specifications

Number of pixels	1.2 MP
Camera type	Monochrome
Autofocus	✓
Focus distance	40-150 mm
Field of view (width)	16-43 mm
Decoder type	X-Mode (advanced 1D+2D+DPM)
Frame rate	42 fps
Illumination	Inner LEDs only
Image width	1280 pixels
Image height	960 pixels
Shutter type	Global
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

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

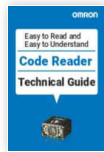
V/F 430-F Ethernet cable M12 plug on camera to RJ45 connector, right angle up, 5 m

	<b>V430-WQ-1M</b>	V/F 430-F Camera to QX-1 interconnect cable, M12 socket to M12 plug, 1 m
	<b>V430-WQK-3M</b>	V/F 430-F Camera to QX-1 interconnect cable with USB keyboard wedge breakout, 2.7 m
	<b>V430-WQR-3M</b>	V/F 430-F Camera to QX-1 interconnect cable with RS-232 breakout, 2.7 m
	<b>V430-WR-1M</b>	V/F 430-F Cable, M12 socket to RS-232 DB9 socket, 1 m
	<b>V430-WR-3M</b>	V/F 430-F Cable, M12 socket to RS-232 DB9 socket, 3 m

## Spare parts

	<b>V430-AF10</b>	Front Window Installation Kit for V/F4X0-FXXXXXXXX-XXX
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## 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

