

# F420-F000W12M-NNS

F420 Smart Camera, 1.2 MP monochrome, Wide view, Autofocus 50-300 mm, No outer light, AutoVISION Sensor, Serial RS-232, USB, or Ethernet over USB, IP54

# Specifications

|                           |                                      |
|---------------------------|--------------------------------------|
| Camera family             | F420                                 |
| Number of pixels          | 1.2 MP                               |
| Camera type               | Monochrome                           |
| Autofocus                 | ✓                                    |
| Focus distance            | 50-300 mm                            |
| Focal length              | 5.2 mm                               |
| Field of view (width)     | 55-195 mm                            |
| Frame rate                | 40 fps                               |
| Shutter type              | Global                               |
| Illumination              | Inner LEDs only                      |
| Software option(s)        | AutoVISION Sensor                    |
| Image sensor type         | CMOS                                 |
| Image width               | 1280 pixels                          |
| Image height              | 960 pixels                           |
| Communication port(s)     | Ethernet TCP/IP, Serial RS-232C, USB |
| Degree of protection (IP) | IP54                                 |

# Accessories



V430-AF11

Diffuser Installation Kit for V/F4X0-FXXXXXXX-XXX



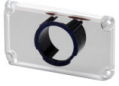
V430-AF3

V/F 4x0-F Right angle mirror



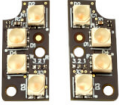
V430-AF6

V/F 4x0-F Standard Red filter Installation Kit



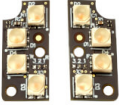
V430-AF7

V/F 4x0-F Standard Blue filter Installation Kit



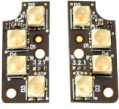
V430-ALB

V/F 4x0-F Blue Standard Light Installation Kit



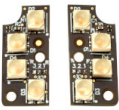
V430-ALI

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-AF10

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

## Downloads

### CAD Library



**AutoVISION Software - Quick Start Guide Users Manual**

EN PDF 14.5 MB



**AutoVISION WebMonitor Users Manual**

EN PDF 5.95 MB



**AutoVISION\_530\_3025\_016 Software**

EN ZIP 979 MB



**EAC Mark removal Discontinuation Notice**

EN PDF 221 KB



**MicroHAWK F Series 0F Users Manual**

EN PDF 18.4 MB



**MicroHAWK F420-F Datasheet**

EN PDF 3.64 MB



**MicroHAWK F430-F/F420-F Series Brochure**

EN PDF 4.17 MB



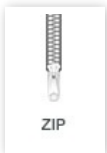
**MicroHAWK F440-F/F430-F/F420-F Series - Smart Camera Users Manual**

EN PDF 9.09 MB



**MicroHAWK Optics and Lighting Accessory Kit Installation Manual**

EN PDF 8.25 MB



**MicroHAWK VX20-F USB drivers Software**

EN ZIP 2.77 MB



**OMRON\_Microscan\_DDU\_Ins Software**

EN ZIP 40.3 MB



**Selection Guide for Vision Sensors Brochure**

EN PDF 991 KB

