

INDUSTRIAL COMPONENT DATA

FHV7X-M016-C FHV72128G FHV7XM016C OMRON FH Vision Smart Camera, high performance, monochrome type, 1.6 Mpix

..

Brand: OMRON | Manufacturer Part Number: FHV7X-M016-C



Manufacturer	OMRON
MPN / Reference	FHV7X-M016-C
Catalog number	FHV7XM016C
Category	Machine vision system (MVS)
Minimum order	1 Pcs
Document ID	EO-75727F1036
Generated	2026-08-06

Product Overview

FH Vision Smart Camera, high performance, monochrome type, 1.6 Mpix resolution, 3.45 µm pixel size, 1/2.9" chip size, global shutter, C-mount, 24 VDC, IP40, W10 IoT Enterprise LTSC 2019 64bit

FH Vision Smart Camera, high performance, monochrome type, 1.6 Mpix resolution, 3.45 µm pixel size, 1/2.9" chip size, global shutter, C-mount, 24 VDC,

STRUCTURED PRODUCT DATA

Technical Specifications

No structured technical attributes are currently available. Submit an RFQ for technical review.

Classification & Catalog Path

Catalog path OMRON > Industrial barcode readers > FH Smart Camera

Additional Product Information

Number of pixels1.6 MPCamera with lensCommunication port(s)EtherNet/IP, Ethernet TCP/IP, PROFINET Slave, Serial RS-232CCommunication option(s)EtherCAT SlaveCamera familyFHVCamera typeMonochromeFrame rate224 fpsIlluminationNoneImage width1440 pixelsImage height1080 pixelsPixel size3.45 µmShutter typeGlobalImage sensor format1/2.9"Image sensor typeCMOSLens mountC-mountDegree of protection (IP)IP40Application2D Robot guidance, Bead inspection, Code reading, Code verification, Counting, Defect inspection, Measurement inspection, OCR / OCV, Presence / Absence

ETIM for 709421 Sensors (EC004672)

Feature Name

Feature Value

Model (EF000010)

Complete device

Voltage type (EF000187)

DC

Type of interface (EF006977)

Other

Number of outputs, signalling function, undelayed, with contact (EF003348)

0

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send OMRON / FHV7X-M016-C with the required quantity to info@electricaonline.com or use electricaonline.com/request-quote.

GLOBAL OFFICES

Germany: Lise-Meitner-Straße 13, 89081 Ulm | USA: 16225 Park Ten Pl #500, Houston, TX 77084 | UAE: HDS Business Centre Tower, Cluster M, 33rd Floor, JLT, Dubai

Catalog-generated document. Product names, marks and specifications belong to their respective owners. Verify safety-critical, compatibility and certification requirements against the manufacturer documentation before purchase or installation.