

## INDUSTRIAL COMPONENT DATA

# FHV7X-M120R-C FHV72240B FHV7XM120RC OMRON FH Vision Smart Camera, high performance, monochrome type, 12.0 Mp..

Brand: OMRON | Manufacturer Part Number: FHV7X-M120R-C



|                 |                             |
|-----------------|-----------------------------|
| Manufacturer    | OMRON                       |
| MPN / Reference | FHV7X-M120R-C               |
| Catalog number  | FHV7XM120RC                 |
| Category        | Machine vision system (MVS) |
| Minimum order   | 1 Pcs                       |
| Document ID     | EO-208EC523B6               |
| Generated       | 2026-08-06                  |

## Product Overview

FH Vision Smart Camera, high performance, monochrome type, 12.0 Mpix resolution, 1.85 µm pixel size, 1/1.7" chip size, rolling shutter, C-mount, 24 VDC, IP40, W10 IoT Enterprise LTSC 2019 64bit

FH Vision Smart Camera, high performance, monochrome type, 12.0 Mpix resolution, 1.85 µm pixel size, 1/1.7" chip size, rolling shutter, C-mount, 24 VD

## 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 pixels12 MPCamera with lensCommunication port(s)EtherNet/IP, Ethernet TCP/IP, PROFINET Slave, Serial RS-232CCommunication option(s)EtherCAT SlaveCamera familyFHVCamera typeMonochromeFrame rate19 fpsIlluminationNoneImage width4000 pixelsImage height3000 pixelsPixel size1.85 µmShutter typeRollingImage sensor format1/1.7"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 709425 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-M120R-C with the required quantity to [info@electricaonline.com](mailto:info@electricaonline.com) or use [electricaonline.com/request-quote](https://electricaonline.com/request-quote).

### GLOBAL OFFICES

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