

INDUSTRIAL COMPONENT DATA

STC-MCS312POE 3Z4S7249C OMRON GigE Vision Area Scan Camera, 3.2 MP, Color, CMOS Sony IMX265, 1/1.8", 2048 x..

Brand: OMRON | Manufacturer Part Number: STC-MCS312POE



Manufacturer	OMRON
MPN / Reference	STC-MCS312POE
Catalog number	STCMCS312POE
Category	Machine vision system (MVS)
Minimum order	1 Pcs
Document ID	EO-BF89170D44
Generated	2026-08-05

Product Overview

GigE Vision Area Scan Camera, 3.2 MP, Color, CMOS Sony IMX265, 1/1.8", 2048 x 1536 Pixels 3.45 µm, 33.4 fps, Global Shutter, C Mount, Cased, POE

STRUCTURED PRODUCT DATA

Technical Specifications

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

Classification & Catalog Path

Catalog path	OMRON
--------------	-------

Additional Product Information

Specifications
 Camera type Color
 Number of pixels 3.2 MP
 Interface GigE
 Lens mount C-mount
 Shutter type Global
 Image width 2048 pixels
 Image height 1536 pixels
 Image sensor format 1/1.8"
 Image sensor type IMX265
 Pixel size 3.45 µm
 Frame rate 33.4 fps
 Optical filter None
 Lens type Not Applicable

Scan type Area scan

Material housing Aluminium A6061

Accessories

FJ-VSG 10M FJ Gig-E camera interface cable, 10m

FJ-VSG 20M FJ Gig-E camera interface cable, 20m

FJ-VSG 3M FJ Gig-E camera interface cable, 3m

FJ-VSG 40M FJ Gig-E camera interface cable, 40m

FJ-VSG 5M FJ Gig-E camera interface cable, 5m

FJ-VSP2 10M FJ Gig-E power and I/O cable, 10 m

FJ-VSP2 3M FJ Gig-E power and I/O cable, 3 m

FJ-VSP2 5M FJ Gig-E power and I/O cable, 5 m

ETIM for 690607 Sensors (EC004672)

Feature Name

Feature Value

Voltage type (EF000187)

DC

Model (EF000010)

Camera

Type of interface (EF006977)

Other

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

0

Width (EF000008)

29 mm

Height (EF000040)

29 mm

Number of outputs, signalling function, undelayed, semiconductors (EF003350)

0

Depth (EF000049)

53 mm

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send OMRON / STC-MCS312POE 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.