

INDUSTRIAL COMPONENT DATA

STC-MCS70BU3V 3Z4S7382A OMRON USB 3.0 Area Scan Camera, 7.1 MP, Color, CMOS Sony IMX428, 1.1", 4.5 µm, 51.2

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Brand: OMRON | Manufacturer Part Number: STC-MCS70BU3V



Manufacturer	OMRON
MPN / Reference	STC-MCS70BU3V
Catalog number	STCMCS70BU3V
Category	Machine vision system (MVS)
Minimum order	1 Pcs
Document ID	EO-79B0C62CF8
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Product Overview

USB 3.0 Area Scan Camera, 7.1 MP, Color, CMOS Sony IMX428, 1.1", 4.5 µm, 51.2 fps, Global Shutter, C Mount, Cased

STRUCTURED PRODUCT DATA

Technical Specifications

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

Classification & Catalog Path

Catalog path	OMRON
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Additional Product Information

Specifications
Camera type Color
Number of pixels 7.1 MP
Interface USB 3.0
Lens mount C-mount
Shutter type Global
Image width 3216 pixels
Image height 2208 pixels
Image sensor format 1.1"
Image sensor type Other
Pixel size 4.5 µm
Frame rate 51.2 fps
Optical filter None

Lens type Not Applicable

Scan type Area scan

Accessories

CAB-USB3-02 USB 3.0 cable, USB3.0 Micro-B, Camera side with fastening screws, 2 m

CAB-USB3-02-RB USB 3.0 cable, USB3.0 Micro-B, Camera side with fastening screws, robot cable, 2 m

CAB-USB3-03 USB 3.0 cable, USB3.0 Micro-B, Camera side with fastening screws, 3 m

CAB-USB3-03-RB USB 3.0 cable, USB3.0 Micro-B, Camera side with fastening screws, robot cable, 3 m

CAB-USB3-05 USB 3.0 cable, USB3.0 Micro-B, Camera side with fastening screws, 5 m

CAB-USB3-05-RB USB 3.0 cable, USB3.0 Micro-B, Camera side with fastening screws, robot cable, 5 m

CAB-USB3-07 USB 3.0 cable, USB3.0 Micro-B, Camera side with fastening screws, 7 m

CAB-USB3-07-RB USB 3.0 cable, USB3.0 Micro-B, Camera side with fastening screws, robot cable, 7 m

CAB-USB3-10 USB 3.0 cable, USB3.0 Micro-B, Camera side with fastening screws, 10 m

TP-JQA Tripod Mount for Cube Camera

ETIM for 696369 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

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

0

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send OMRON / STC-MCS70BU3V with the required quantity to info@electricaonline.com or use electricaonline.com/request-quote.

GLOBAL OFFICES

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