O2U552 Cut Sheet

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ifm efector O2U series 2D vision camera, 85–1000mm operating distance, wide angle lens, localization, detection, counting, read code, and OCR, 1280 x 960 resolution, infrared light emission, TCP/IP, PROFINET, EtherNet/IP and IO-Link Class A Device, IP65.

For complete product information, please see this item on our store at the following link:

https://www.automationdirect.com/pn/O2U552

Technical Specifications

Brand	ifm efector
Series	O2U
Item	2D vision camera
Operating Distance	85–1000mm
Lens Mount	Fixed
Lens Type	Wide angle
Focus Type	Automatic
Inspection Tools	Localization, detection, counting, read code, and OCR
Decode Capability	1D: Codabar, Code 128, Code 39, Code 93, EAN13, EAN13 Add-On 2, EAN13 Add-On 5, EAN8, EAN8 Add-On 2, EAN8 Add-On 5, GS1 - 128, GS1 DataBar Expanded, GS1 DataBar Limited, GS1 DataBar Omnidirectional, GS1 DataBar Truncated, Industrial 2-of-5, Interleaved 2-of-5, MSI Barcode, Pharmacode, UPC-A, UPC-A Add-On 2, UPC-A Add-On 5, UPC-E, UPC-E Add-On 2, UPC-E Add-On 5, 1D Stacked: GS1 DataBar Expanded Stacked, GS1 DataBar Stacked, GS1 DataBar Stacked Omnidirectional, PDF-417 and 2D: Aztec Code, Data Matrix (ECC200), GS1 Aztec Code, GS1 ECC200, GS1 QR Code, Micro-QR, QR
View Area 1	28 x 21mm @ 85mm
View Area 2	753 x 564mm @ 2500mm

Response Time	40fps
Resolution	1280 x 960
Light Emission	Infrared
Input	(3) NPN or PNP
Output	(5) NPN or PNP
IP Rating	IP65
Housing Material	Die-cast zinc
Housing Size	45 x 45 x 86mm body
Lens Material	Gorilla Glass
Operating Voltage	18–30 VDC
Operating Temperature	-10 to +50 °C
Connection	(1) 8-pin M12 quick-disconnect and (1) 4-pin M12 D-coded
Port Protocol(s)	• TCP/IP • PROFINET • EtherNet/IP • IO-Link Class A Device
Port Speed(s)	IO-Link COM3
IO-Link Version	IO-Link v1.1
Standard I/O Mode Supported	Yes
Additional Information	Purchase cable separately

Agency Approvals

UL Listed File #	E364788
UL Recognized File #	None
UL Hazardous File #	None
CE	View CE declarations
CSA File #	None
RoHS Status	Yes (See CE Doc)
EU REACH	View EU REACH document

Dimensional Drawings

2D Drawing PDF Link:
https://cdn.automationdirect.com/static/drawings/2d/O2U552.pdf
See store item page for other formats.