



Identification systems



Powerful multicode reader – simple like a sensor



1D / 2D code readers



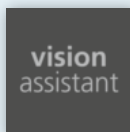
Freely definable data output via Ethernet/IP or ProfiNet

Easy setting by teaching using one button, or by using the ifm Vision Assistant

Detection of different codes in one image

Detects codes on various backgrounds without any difficulty

Data migration via ifm memory stick



To view the video:
ifm.com/gb/o2i

Powerful detection

The new multicode reader reliably detects 1D and 2D codes. It ensures reliable identification even under difficult conditions, e.g. in case of changing extraneous light or shiny surfaces. Several different codes in one or more images can be evaluated in just a few milliseconds.

Quick set-up via pushbutton

Simple applications with one code per image can be set quickly via teach button. This saves time and costs. The preset device configuration can be changed by means of a user-friendly smartphone app.

Vision Assistant software

For complex identification tasks, the multicode reader can be configured using the award-winning Vision Assistant software. The intuitive navigation and the visualisation help you to keep track.



Increase product and process quality

Make processes transparent

Be informed about what is going on, when and where

Optimise material handling

Provide sufficient material in the correct production step

Assure quality

Correctly assign components to the final product

Exactly schedule delivery

Data-based control of timed process flows



Configuration via smartphone app

A smartphone app (iOS, Android) is available for basic configuration of the device. The user can e.g. use it to define the trigger or IP address. Based on these settings, a Data Matrix code is generated on the smart phone's display.

When this code is held into the multicode reader's field of view, the configuration is automatically adopted.



Products

Type	Description	Order no.
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Multicode reader: Ethernet/IP, TCP/IP

	Standard lens, red light	O2I500
	Standard lens, infrared	O2I501
	Wide-angle lens, red light	O2I502
	Wide-angle lens, infrared	O2I503
	Telephoto lens, red light	O2I504
	Telephoto lens, infrared	O2I505

Multicode reader: ProfiNet, TCP/IP

	Standard lens, red light	O2I510
	Standard lens, infrared	O2I511
	Wide-angle lens, red light	O2I512
	Wide-angle lens, infrared	O2I513
	Telephoto lens, red light	O2I514
	Telephoto lens, infrared	O2I515

Accessories

	Mounting set for multicode reader	E2D500
	Mounting set for illumination unit	E2D501
	Illumination unit, 193 x 136 x 75 mm, red light, cyan light, M12 connector	O2D931
	Illumination unit, 256.8 x 197 x 106.7 mm, red light, cyan light, M12 connector	O2D933

Connection technology

	Y splitter, adapter cable for O2I5xx, trigger sensor, 0.4 m PUR cable	EVC847
	Y splitter, adapter cable for external illumination, 0.4 m PUR cable	EVC848