

OCR Reader

B50R001

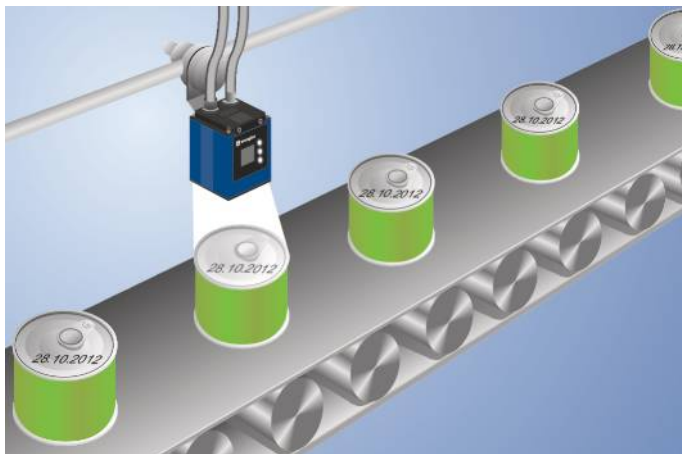
Part Number

weQubeOCR



- MultiCore technology
- OCR reading

The OCR reader is based on the wenglor MultiCore technology and reads up to 100 characters simultaneously. The functions autofocus, region of interest and tracking are available for improved plain text reading. Reliable reading, comparing and good/bad-evaluation of various characters and symbols are easily possible.



Technical Data

Optical Data	
Working Range	≥ 20 mm
Resolution	736 × 480 Pixel
Image Chip	monochrome
Light Source	White Light
Service Life (T = +25 °C)	100000 h
Visual Field	see Table 1
Frame Rate	25 Hz
Electrical Data	
Supply Voltage	18...30 V DC
Current Consumption (U _b = 24 V)	< 200 mA
Response Time	40 ms
Temperature Range	0...40 °C
Inputs/Outputs	6
Switching Output Voltage Drop	< 2,5 V
Switching Output/Switching Current	100 mA
Short Circuit Protection	yes
Reverse Polarity Protection	yes
Interface	RS-232/Ethernet
Protection Class	III
Mechanical Data	
Setting Method	Ethernet
Housing Material	Aluminum
Degree of Protection	IP67
Connection	M12 × 1; 12-pin
Type of Connection Ethernet	M12 × 1; 8-pin
Function	
OCR	yes
Tracking	yes
Web server	yes
Configurable as PNP/NPN/Push-Pull	●
Switchable to NC/NO	●
Illumination Output	●
RS-232 Interface	●
Ethernet	●
Connection Diagram No.	002 1008
Control Panel No.	X2
Suitable Connection Technology No.	50 87
Suitable Mounting Technology No.	560

Complementary Products

Disk with Polarizing Filter ZNNG004
Feldbus Gateways ZAGxxxN01, EPGG001
Illumination Technology
Protection Housing ZNNS001, ZNNS002
weQube software DNNF001
weQubeDecode license upgrade DNNL002
weQubeVision license upgrade DNNL001

