

2D CODE READER

AB-CM-2D-QR-CR

ATOMBOTIX



- 100mm (working distance)
- 130 × 80mm (field of view)
- 66 × 44 ° (field of view)
- DataMatrix(12 × 12)
- 1280 × 800 black and white (resolution)
@ 60fps (frame rate)
- Ethernet 100Mb/s, CAN/RS485

Model	2D Code Reader
Performance Parameters	
Working Distance	100 mm
Field of View Dimensions	130 mm × 80 mm
FOV	66° (H) × 44° (V)
Lens Focal Length	3 mm
Barcode Type	DataMatrix code (only supports 12 × 12 codes, where 12 refers to the number of cells on one side)
Depth Of Field	When the length and width of the QR code are 43 mm × 43 mm, the depth of field is 87-117.6 mm
Max. Processing Frame Rate	60 fps
Max. Reading Speed	60 yards per second
Camera Chip Type	CMOS, Global Shutter
Resolution	1280 × 800
Essential Parameters	
Connector	M12-A×12
Communication	Ethernet, CAN/RS485 Optional
Supported Protocols	UDPserver
LED Indicator Light	Power supply, network, trigger, status
Product Size	60 x 84 x 41 mm
Package Size	130 x 110 x 60 mm
Product Weight	About 206 g
Material	Aluminum alloy
IP Ratings	IP65

Electrical Parameters

Working Voltage	DC 10-30V
Rated Power	Do not activate the fill light: 3.36 W@24V DC Activate the fill light: 5.4 W@24V DC

Environmental Parameters

Ambient Light	<40000 Lux
Work Environment	-10 °C - 50 °C (indoor use) < 80% RH (no frost, no condensation)
Storage Temperature	-30°C - 70°C

