

Industrial Code Reader

C20DE



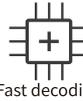
1D / 2D



High speed scan



Big vision



Fast decoding



Screen scan



Customized



Motion tolerance
2M/S

GENERAL FEATURES

- Compact size, industrial shape design, flexible installation
- Quickly read DPM code, support a variety of communication methods
- With Aimer aiming point, you can easily locate the bar code position



C20DE



Specifications

Physical Characteristics

Dimensions	45mm x 43mm x 25mm
Weight	98g
Voltage/Current	12~24V DC / peak<2.5W

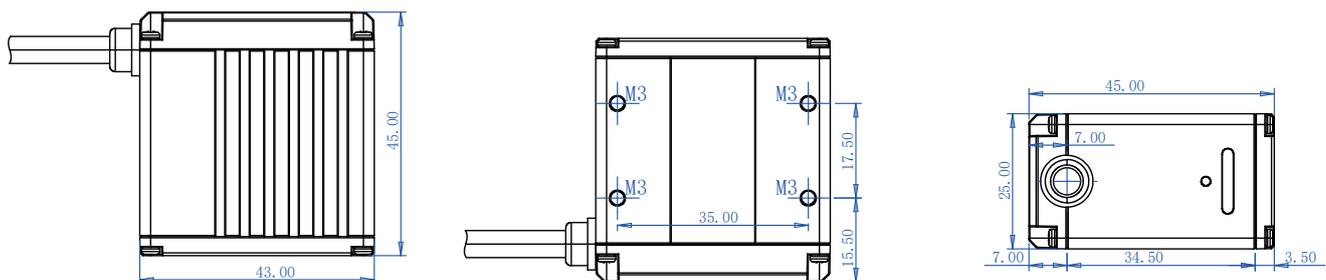
Performance Characteristics

Reading Distance	30mm, 70mm, 100mm, 150mm	
Software	Read challenging one-dimensional/two-dimensional code/DPM code can be supported	
Resolution/Frame Rate	1280*1080, 60fps	
Sensor Type	Global Shutter CMOS	
Image Color	mono	
Auxiliary Light Source	Red LEDx2	
FOV	FOV-h: 39° FOV-v: 33°	
Symbologies	1D	Code 128, Code 39, Code 93, Code 11, Matrix 2 of 5, Interleaved 2 of 5, Codabar, MSI Plessey, GS1 DataBar, UPC, EAN etc.
	2D	PDF 417, Micro PDF417, DataMatrix, Maxi code, QRcode, MicroQR, Aztec, Hanxin, Dotcode, Vericode*, etc.
Interface Type	USB HID, USB COM, RS232, Tcp/IP, UDP, Modbus TCP/RTU	
Motion Tolerance	2m/s	
IO	Input	1 optical coupling isolated input, support NPN, PNP access mode
	Exportation	1 optical coupling isolated output, support NPN, PNP, switch control mode

User Environment

Operating Temperature	32°F ~ 122°F / 0°C ~ 50°C
Storage Temperature	-40°F ~ 158°F / -40°C ~ 70°C
Humidity	0% ~ 95%, non-condensing
Waterproof Class	IP54

Dimensions (unit: mm)



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Specifications

Typical Depth of Field

C128 (3.15 mil)	47mm-110mm
C128 (5.15 mil)	38mm-190mm
C128 (8 mil)	33mm-352mm
C128 (10.15 mil)	45mm-383mm
C128 (20 mil)	86mm-650mm
DM (3.40 mil)	59mm-63mm
DM (4.40 mil)	45mm-75mm
DM (6.65 mil)	40mm-93mm
DM (8.90 mil)	35mm-240mm
DM (11.15 mil)	33mm-245mm

FOV	30mm	21.24mm x 17.77mm
	70mm	49.58mm x 41.47mm
	100mm	70.82mm x 59.24mm
	150mm	106.24mm x 88.86mm

