Industrial Code Reader
C20E

VIZIFUZE
INDUSTRIAL LASER SENSOR

1D / 2D	High speed scan	Big vision	Fast decoding	Screen scan	Customized	Motion tolerance

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

Intelligent identification,
smart vision,
industrial vision sensor provider

V.01.20240712
All specification and
designs are subject
to change without notice.

C20E

Specifications

Physical Characteristics

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

Performance Characteristics

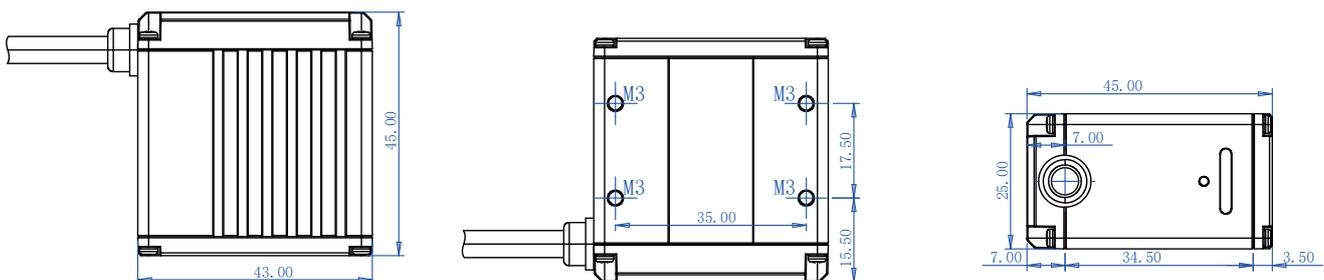|		
Reading Distance		30mm, 70mm, 100mm, 150mm
Software		Read challenging one-dimensional/two-dimensional code/DPM code can be supported
Resolution/Frame Rate		1280*1080, 60fps
Sensor Type		Global Shutter CMOS
Image Color		mono
Auxiliary Light Source		Red LEDx2
FOV		FOV-h：39° FOV-v：33°
Symbologies	1D	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, EtherNet/IP, Profinet
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 x59.24mm
	150mm	106.24mm x88.86mm

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21.24mm

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49.58mm

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70.82mm

150mm ----- 88.86mm
106.24mm