



Model Number

OHV-ENGINE-B14

Stationary read device, OEM version

Features

- All common 1D or 2D codes can be read
- Dual lens for large read range
- 1.2 megapixel resolution
- Optical sighting mechanism
- Reads from reflective surfaces

Technical Data

General specifications

Light type	Integrated LED lightning (red)
Symbolologies	1D: UPC/EAN/JAN; Code 39; Code 128; Interleaved 2 of 5; Codabar; GS1 DataBar (RSS); MSI Plessey; Plessey; Code 11; Code 93; Straight 2 of 5; Matrix 2 of 5; Trioptic Code Stacked 1D: PDF 417; Micro PDF; GS1Composite (CC-A/CC-B/CC-C) 2D: Data Matrix; QR Code; Micro QR Code; Aztec Code; Han Xin
Read distance	40 ... 310 mm Depending on code symbology
Reading field	max. 190 mm x 290 mm
Resolution	High Density field and wide field: 960 x 640
Modul size	≥ 0.1 mm
Sensor principle	Camera system
Target velocity	Stop

Nominal ratings

Camera	
Type	CMOS
Number of pixels	1280 x 960
Image recording	real-time , manually triggered

Memory

Volatile memory	32 MByte RAM
Non-volatile memory	128 MByte flash memory

Electrical specifications

Operating voltage	U_B	5 V DC
No-load supply current	I_0	57 mA
Operating current		303 mA

Interface

Physical	RS 232, USB 2.0
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Ambient conditions

Ambient temperature	-20 ... 55 °C (-4 ... 131 °F)
Storage temperature	-30 ... 65 °C (-22 ... 149 °F)
Relative humidity	95 % , noncondensing

Mechanical specifications

Material	
Housing	plastic
Mass	approx. 5 g
Dimensions	31.7 mm x 14.5 mm x 11.9 mm (l x w x h)