

Z-6112

Hands-Free 2D Image Reader



◀ The optional 3D turning cradle



- Compact module designed for all kinds of niche applications
- Powerful image sensor yields advanced scanning performance
- Stand-alone as a hands-free scanner or as a scanning module
- Decode most popular 1D and 2D barcodes
- Optional 3D turning cradle
- Flexible communications

The Z-6112 hands-free 2D image scanner is equipped with powerful 2D scan engine that decodes most popular 1D and 2D barcodes with quick and accurate performance.

Its hands-free form factor has broadened its application to where smaller counter space is available. The Z-6112 is also a scan module; there are two mounting holes that benefit in any embedded use with ease.

Find the Z-6112 to be the best supporter in your niche markets!

OPERATIONAL

Aiming Element	650 nm visible laser diode (VLD)
Illumination Element	635 nm visible LED
Optical System	640x480 pixels (VGA type CCD)
Field of View	32.2° (horizontal); 24.5° (vertical)
Sensitivity	360° (omnidirectional rotational sensitivity)
Resolution	6.67 mil (PDF 417), 5 mil (Code 39)
Print Contrast	30% @ UPC/EAN 100%
Indicators (LED)	Two-color LED (blue & red)
Beeper Operation	Programmable tone & volume
Image Format	BMP(*.bmp), TIFF(*.tif), JPEG(*.jpg)
System Interfaces	Keyboard wedge, RS-232, USB, wand emulation

PHYSICAL

Dimensions	(H)110.9 × (D)65.8 × (W)70.0 mm (on fixed stand); (H)122.2–253.0 × (D)120.3–163.3 × (W)74.0 mm (on 3D turning cradle)
Weight	200 g (on fixed stand); 350 g (on 3D turning cradle)
Cable	Standard 2.0M straight

POWER

Input Voltage	5 VDC ±10%
Power Consumption	1.5 watts
Operating Current	200 mA typical

REGULATORY

Laser Class	CDRH Class IIa; IEC 60825 Class 2
EMC	CE & FCC DOC compliance, VCCI, BSMI

ENVIRONMENTAL

Operating Temperature	0°C – 40°C (32°F – 104°F)
Storage Temperature	-20°C – 60°C (-4°F – 140°F)
Humidity	5% – 95% RH (no dewing allowed)
Light Levels	Up to 4,500 Lux (fluorescence)
Drop Durability	Designed to withstand 1.5M drops



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