

Specifications - OPI2201B-U

Light source	Aiming laser diode, illumination LEDs
Scan Method	CMOS area Sensor, SXGA (1.3 millions pixels), gray scale
Scan rate	Up to 30 fps, after auto-focus activation (100 ms after triggering)
Trigger mode	Manual, multiple read, auto trigger, stand detection
2D image format	Windows Bitmap, JPEG, TGIF
2D image output mode	4 resolutions (full, 1/2, 1/3, 1/4), 2 ranges (horizontal, vertical)
Min. resolution at PCS 0.9	0.127 mm / 5 mil for Code39 / QR code
	0.169 mm / 7 mil for DataMatrix for Code39 and QR code
	15 - 40 mm (res. 0.127 mm / 5 mil)
	15 - 280 mm (res. 0.139 mm / 13 mil),
	For Code39
Depth of field	15 - 100 mm (res. 0.1 mm / 4 mil)
	15 - 155 mm (res. 0.127 mm / 5 mil)
	15 - 365 mm (res. 0.254 mm / 10 mil)
	90 - 1450 mm (res. 1.0 mm / 39 mil)
Pitch Angle	-45 to 0°, 0 to +45°
Roll (Tilt) Angle	360°
Skew (Yaw) Angle	-60 to -0°, +0 to +60°
Field of view	Horizontal 40°, Vertical 32°
	Visual: 1 LED (red/green/orange)
Reading Indicators	Non-visual: Buzzer
	RS232 - DB9 PTF connector with external power supply
Interface	Keyboard Wedge - MiniDIN6 F/M connector
	USB - Ver. 1.1, HID/VCP, USB-A connector
	1D: JAN/UPC/EAN incl. add on, Codabar/NW-7, Code 39, Code 93, Code 128, GS1-128 (EAN-128), GS1-128 (EAN-128), GS1 DataBar (RSS), IATA, Industrial 2of5, Interleaved 2of5, ISBN-ISSN-ISMN, Matrix 2of5, MSI/Plessey, S-Code, Telepen, Tri-Optic, UK/Plessey
Symbologies supported	Postal Code: Chinese Post, Korean Postal Authority code
	2D Code: Aztec Code, Aztec Runes, Composite codes, Data Matrix (ECC200/EC0-140), Maxi Code (mode 2~5), MicroPDF417, Micro QR Code, PDF417, QR code
Input voltage	5V ± 10% (USB), 6V ± 10% (RS232 and Keyboard Wedge)
Input Current	Max. 150 mA

Operating Temperature	-20 to 50 °C
Storage Temperature	-25 to 70 °C
Operating Humidity	5 - 90 % (non-condensing)
Storage Humidity	5 - 90 % (non-condensing)
Ambient light immunity	Fluorescent 10,000 lx max, Direct sun 100,000 lx max, Incandescent 10,000 lx max
Drop Test	1.5 m / 5 ft drop onto concrete surface
Warranty	2 Year limited Factory Warranty (not on cable)
Dimensions (W x H x D)	Scanner 72 x 175 x 95 mm
Weight	175 g
Product Compliance	CE, FCC, VCCI, RoHS