

Specifications	OPR-3201
Light source	650 nm visible laser diode
Depth of field	40 - 500 mm (res. 1.0 mm / 39 mil), 20 - 350 mm (res. 0.5 mm / 20 mil) 20 - 200 mm (res. 0.25 mm / 10 mil) 20 - 100 mm (res. 0.15 mm / 6 mil) 30 - 70 mm (res. 0.127 mm / 5 mil) at PCS 0.9, Code 39
Scan rate	100 Scans/sec
Resolution	0.127 mm / 5 mil
Pitch Angle	-35 to 0°, 0 to +35°
Roll (Tilt) Angle	-20 to 0°, 0 to +20°
Skew (Yaw) Angle	-50 to -8°, +8 to +50°
Reading Indicators	1 LED (red/green/orange)
Interface	RS232 - DB9 PTF connector with external power supply Keyboard Wedge - MiniDIN6 F/M connector USB - Ver. 1.1, HID/VCP, USB-A connector
Symbologies supported	JAN/UPC/EAN incl. add on, Codabar/NW-7, Code 11, Code 39, Code 93, GS1-128 (EAN-128), GS1 DataBar (RSS), IATA, Industrial 2of5, Interleaved 2of5, ISBN-ISMN-ISSN, Matrix 2of5, MSI/Plessey, S-Code, Telepen, Tri-Optic, UK/Plessey Composite codes, MicroPDF 417, PDF417
Input voltage	5 V ± 10 % (Keyboard Wedge and USB), 6 V (min. 4.5, max. 6.5 V) (RS232)
Input Current	Max. 100 mA (typical use)
Operating Temperature	-5 to 50 °C
Storage Temperature	-20 to 60 °C
Operating Humidity	5 - 95 % (non-condensing)
Storage Humidity	5 - 90 % (non-condensing)
Drop Test	1.5 m / 5 ft drop onto concrete surface
Vibration Test	10 - 100 Hz with 2G for 1 hour
Protection rate	IP42
Warranty	2 Year limited Factory Warranty (not on cable)
Dimensions (W x H x D)	Scanner 56 x 149 x 109 mm Stand 146 x 106 x 295 mm
Weight	Scanner 80 g Stand 385 g
Product Compliance	CE, FCC, VCCI, RoHS, JIS-C-6802 Class 2, IEC 60825-1 Class 2, FDA CDRH Class II