



ETX-500IGHH

2D Barcode Scanner



ETX-500IGHH is a general purpose gun-type 2D Barcode Scanner which is designed especially for retail, logistic and warehousing management market.

FEATURES

- Support most 1D, 2D and GS1 Databar codes, and OCR-B character reading.
- The new button design with the high-rebound switch components, the handle perfectly fits the palms of different sizes.
- Good performance on both display and printed label reading.
- Support multiple interface options, USB HID, Virtual COM and RS-232.
- Designed as IP52 sealing protection.
- A stand option can be ordered to facilitate hand-free reading options.
- Support vibration when scanning.

Specifications

PHYSICAL CHARACTERISTICS

Body weight	Approx. 220g / 7,76 oz (include cable)
Material	ABS
Cable Length	6FT (180cm)
Dimension	172 x 67 x 87mm
Color Available	Black

ELECTRICAL CHARACTERISTICS

Interface	RS232 USB
Output Voltage (Typ.)	±9V ±5V
Output low Voltage (Max.)	0.7V
Stand by (Typ.)	< 130 mA
Operation (Typ.)	< 280 mA

ENVIRONMENTAL

Operating temperature	-10 °C to 50 °C (14 °F to 122 °F)
Storage temperature	-20 °C to 70 °C (-4 °F to 158 °F)
Humidity	20% to 95% (Non-condensing)
Ambient light	100,000 Lux Max.

PERFORMANCE

Light Source	White light illumination, Green aimer
Sensor	1280 (H) x 800 (V) pixels
Field of view	Horizontal - 45°, Vertical - 36°
Scan Rate	60 fps
Reading Distance	450mm@20mil/0.5mm, PCS90%, QRCode
Print Contrast Ratio	PCS20%
Resolution	1D: 3mil/0.076mm 2D: 6.67mil/0.2mm
Skew Tolerance	5°~60° (±5°)
Pitch Angle	5°~60° (±5°)
Readable Barcodes	1D and 2D Symbologies, Support to read OCR-B character
Sealing	IP52 Water and dust protection

RELIABILITY

Trigger Switch	1,000,000 times @1kg ±50g cycles
MTBF (calculated)	50,000 hours
High Temp.	60 °C (140 °F)
Low Temp.	-20 °C (-4 °F)
Cycle time	30 minutes for high temp. , 30 minutes for low temp.
Cycles	24 cycles
Cable Bending Test	25,000 times minimum (30 times/min @ 200g/90°)
Drop Resistance	47.24 inches (120cm) drop on concrete surface
Electro-Static Discharge	Contact 8KV and air 16KV