1D/2D

FC CE RoHS GS1 USB RS-232

- Read all major 1D & 2D symbols, as well as those on electronic screens

- Image auto-detection, supports both handheld and presentation scanning modes

- Ergonomic, snappy and stylish design allows for a natural and comfortable grip

- Protects your future investment with 2D capability at an affordable price meeting both current and future barcode scanning needs

- Omnidirectional scanning

- Suitable to operate in diverse working environments

- Ready for all POS systems

- Easy firmware upgrade

SPECIFICATION

Mechanical Characteristics

Dimensions	Height × Width × Depth : 178 mm × 69 mm × 82 mm
Weight	146 g, without cable
Cable	Straight 2.0 m
Connector Type	RJ-45 phone jack connector
Case Material	PC+TPU
Indicator	Beeper, LED
Interface Supported	RS-232, USB Keyboard, USB virtual COM
Operating Mode	Hand-held, Auto-detection
Programming Method	Manual (reading special barcode)
Firmware Upgrade	Online

Electrical Characteristics

Input Voltage	5 VDC ± 0.25 V
Power	Standby: 0.40 W, Working: 1.20 W
Current	Standby: 80 mA, Working: 240 mA

Scan Performance

Image Size	640 × 480 pixels
Imager Field of View	Horizontal: 40°, Vertical: 30°
Scanning Angle	±60°, ±40°, 360° (skew, pitch, roll)
Print Contrast	20% minimum reflective difference
Decoding Capability	1D: UPC-A, UPC-E, UPC-E1, EAN-13, EAN-8, ISBN (Bookland EAN), ISSN, Code 39, Code 39 full ASCII, Code 32, Trioptic Code 39, Interleaved 2 of 5, Industrial 2 of 5 (Discrete 2 of 5), Matrix 2 of 5, Codabar (NW7), Code 128, UCC/EAN 128, ISBT 128, Code 93, Code 11 (USD-8), MSI/Plessey, UK/Plessey, China Post, China Finance, Telepen, GS1 DataBar (formerly RSS) variants 2D: PDF417, QR Code, DataMatrix, Han Xin Code, Aztec Code, MicroQR Code
Minimum Resolution	5 mil, 1 mil = 0.0254 mm
Decoding Depth	5 mil Code39 (3 chars): 1.5 cm – 5.5 cm 13 mil UPC (6 chars): 0.5 cm – 13.0 cm 20 mil Code39 (5 chars): 4.0 cm – 18.0 cm 6.7 mil PDF417 (20 chars): 1.0 cm – 8.2 cm 10 mil DM (20 chars): 1.0 cm – 8.0 cm 20 mil QR (20 chars): 1.5 cm – 16.5 cm

Environmental Characteristics

Temperature	-10° to 50°C (14° to 122°F), operating; -20° to 60°C (-4° to 140°F), storage
Humidity	5% to 95% (non-condensing)
Safety	EMC: EN55022, EN55024 | Electrical Safety: EN60950-1 | Sealing: IP52 Photobiological Safety: EN62471:2008 | Illumination: 0~100,000 LUX Drop Resistance: 30 times of 2.0 m (6.6 ft.) drops to concrete