

PowerScan® 2D Imager

Industrial Strength Imaging Scanner



Mechanical

Dimensions: 6.9 x 11.2 x 18.3 cm (2.7 x 4.4 x 7.2")

Weight: 272 g (9.6 oz) without cable

Electrical

Operating voltage: 4 VDC to 14 VDC

Operating Current (maximum)

Interlaced Aiming: 275 mA @ 5V

Concurrent Aiming: 450 mA @ 5 V

Standby Current (maximum)

Normal Mode: 60 mA @ 5.5V

Low Power Mode: 30 mA @ 5.5V

Environmental

Temperature rating

Operating: -10° to 50° C (14° to 122° F)

Storage: -40° to 70° C (-40° to 158° F)

Humidity: 5 to 95% NC

Shock: Withstands Multiple 2 m (6.5') drops to concrete

Vibration: Meets MIL-STD-810E

Water & Dust: IEC529 Rating IP54DW

Optical

Light sources

Red Illumination LEDs: 626nm ± 30nm

Green Aiming LEDs: 520nm ± 30nm

Imager Resolution: VGA, 640 x 480 pixels

Pitch: ± 40°

Skew: ± 40°

Ambient Light Capability: 535 to 100,000 Lux

Depth of Field: See Depth of Field Table below

Ideal For:

- Warehousing
- Transportation & Logistics
- Package Distribution
- Electronic Assembly
- Heavy-Duty Manufacturing
- Retail

Features:

- Industry Leading Environmental Performance in shock/drop, sealing and temperature extremes
- High Performance Image Capture and Omnidirectional, point-and-shoot label reading
- Ergonomic, Over-Molded Enclosure with integrated metal tether hook and cable retainer
- Bright Aiming Illumination to Ensure Fast, reliable scanning in diverse lighting conditions
- Flexible Mounting and Storage Accessories Available
- Durable, Solid State Scanning Backed by an Industry Leading Five Year Warranty

Decoding Capability

Linear

- Code 11
- Code 28
- Code 39
- Code 93
- Code 128
- Codabar
- Code 2 of 5
- UPC/EAN/JAN
- RSS
- Interleaved 2 of 5
- Many Others

2D

- PDF417
- MicroPDF
- Code 49
- Maxicode
- Data Matrix
- QR Code
- Aztec Mesas
- Aztec
- EAN-UCC Composites
- Others

Postal Codes

- Postnet
- China Post
- KIX
- Canadian Post
- Japanese Post
- Planet Code
- British Post
- Others

OCR

- OCR-A
- OCR-B
- Others

Host Communications RS-232C and USB

Accessories

P/N: 7-0462
Universal Kit



P/N: 11-0070
Scan Stand

P/N: 7-0404
Take Up Reel

P/N: 7-0430
Holster/Fork Lift Mount

Safety & Regulatory

Electrical: Complies to TÜV; UL; cUL

Emissions: Complies to FCC; EN 55022-B; CNS13438; AS/NZS 3548; VCCI



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