Specifications

Performance Characteristics

Optical System	High performance Linear Imaging Engine
Print Contrast	20% minimun reflective difference
Minimum Resolution	Typical 3 mil (code 39, PCS 0.9)
Working Distance [1]	Up to 8" from contact on 100% UPC/EAN symbols
Light Source	630nm visible red LED
Scan Rate	Dynamic scanning rate up to 250 scans per second
Reading Direction	Bi-directional (forward and backward)
Reading Width	Typical 62mm on contact reading
Pitch/Skew	± 65˚ / ± 65˚
Operating Modes	Toggle, Trigger, Force, Level, Flash, Diagnostic Alternative, Low power, Presentation
Host Interfaces	PC/AT, PS/2 (DOS V) keyboard wedge PC/AT, PS/2 (DOS V) keyboard direct link TTL RS232 serial USB HID (USB Keyboard) USB COM port emulation Laser emulation and Wand emulation
Configuration Setup	Bar code command Windows utility - FuzzyScan PowerTool
Data Editing	Condensed DataWizard via bar code command Full-feature DataWizard via FuzzyScan PowerTool
User Interfaces	3 LEDs for power, good read and status indications Programmable beeper Optional vibrator

Supported Symbologies

1D Linear (F460)	Code 39, Code 39 Full ASCII, Code 32, Code 39 Trioptic Code 128, UCC/EAN-128, Codabar, Code 11, Code 93 Standard & Industrial 2 of 5, Interleaved & Matrix 2 of 5 German Postal Code, China Postal Code, IATA UPC/EAN/JAN, UPC/EAN/JAN with Addendum Telepen, MSI/Plessey & UK/Plessey GS1 DataBar (formly RSS) Linear, Linear-stacked
Linear-stacked (F468)	PDF417, Micro PDF417, Codablock, Composite

User Environment

Drop Specifications	Withstand multiple 1.5m/5ft. drops to concrete
Environmental Sealing	IP41
Operating Temperature	-10˚C to 50˚C (14˚F to 122˚F)
Storage Temperature	-40˚C to 70˚C (-40˚F to 158˚F)
Humidity	5% to 95% related humidity, non-condensing
Ambient Light Immunity	0 ~ 20,000 lux

Physical Characteristics

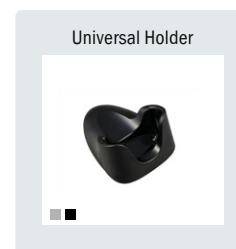|	
Dimension	174 mm (L) x 74 mm (W) x 31 mm (D) 6.85 in. (L) x 2.91 in. (W) x 1.22 in. (D)
Weight	127g (cable excluded)
Color	Gray or Black
Input Voltage	5VDC ± 10%
Current	Operating : Typical 180 mA @5VDC Standby : Typical 80 mA @5VDC

Safety & Regulatory

EMI/RFI	FCC Part 15 Class B, ICES-003 Class B European Union EMC Directive (CE) Taiwan EMC (BSMI)
Safety [2]	LED Eye Safety IEC60825-1, EN60825-1
Environmental	Compliant with RoHS directive

Accessories

Cables	PS/2 (DOS V) Keyboard Wedge Cable RS232 Serial Cable USB Cable USB Power Steal Cable
Others	Universal Holder

Accessories

Universal Holder

Colors Available :
■ black ▪ light gray

1. The working distances are measured in 400lux office environment using Grade A bar codes.
2. Don't stare into the LED beam.

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