

# Specifications

## Performance Characteristics

Optical System	High performance Linear Imaging Engine
Print Contrast	20% minimum reflective difference
Minimum Resolution	Typical 3 mil (code 39, PCS 0.9)
Working Distance <sup>1</sup>	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 Symbolologies

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 (formerly 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

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

## 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

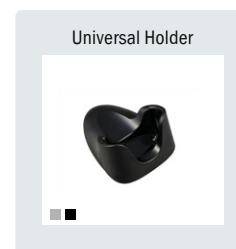
## Safety & Regulatory

EMI/RFI	FCC Part 15 Class B, ICES-003 Class B European Union EMC Directive (CE) Taiwan EMC (BSMI)
Safety <sup>2</sup>	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



Colors Available :  
■ black ■ light gray