

F760 Series

A Compact, Rugged Bar Code Linear Imager

Rugged over-mold design to withstand multiple drops to concrete from 1.6 meter

More than 12" reading distance on 100% UPC/EAN symbols

Unsurpassed readability on low contrast, soiled, poorly-printed or damaged barcodes

Superior motion tolerance for rapid and accurate data-capture on the move

High speed scanning rate up to 500 scans per second for snappy barcode capture

All-in-one host interface design, including USB HID, PS/2 keyboard wedge and RS232

Automatically switch between presentation scanning and hand-held scanning while working with Cino SmartStand

Optional vibrator for noisy working environment



The FuzzyScan F760 has been built on the heritage of PCW's cutting-edge technology with many attractive features. It is expertly combined with compact and rugged form factor with superior reading performance. The F760 has set up a new standard as the best-performance solution for industry and general purpose applications.

Outstanding scanning performance

Incorporated with advanced optical system, the F760 provides exceptional reading performance with long reading range up to 12". Furthermore, the F760 series performs snappy and accurate reading on various real world bar codes, including poor-printing and low-contrast barcodes.



Compact yet rugged construction

To deliver the highest level of dependability, the F760 is built with compact and sturdy over-mold housing. It is rugged enough to withstand multiple drops from 1.6 meter to concrete to meet your daily use.

Increase productivity with SmartStand

For hand-free applications, the F760 automatically switches between presentation scanning and hand-held scanning by using Cino SmartStand. This maximizes user's efficiency and productivity.



Specifications

Performance Characteristics

Optical System	High performance Linear Imaging Engine
Print Contrast	20% minimum reflective difference
Minimum Resolution	Typical 4 mil (code 39, PCS = 0.9)
Working Distance	More than 12 inches on 100% UPC/EAN symbols*
Light Source	630nm visible red LED
Scan Rate	Dynamic scanning rate up to 500 scans per second
Reading Direction	Bi-directional (forward and backward)
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 RS-232 serial USB HID (USB Keyboard)
Configuration Setup	Bar code programming manual Windows utility - FuzzyScan PowerTool
Data Editing	Condensed DataWizard via bar code manual 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	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
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User Environment

Drop Specifications	Withstand multiple 1.6m/5ft. drops to concrete
Environmental Sealing	IP41
Operating Temperature	0°C to 50°C (32°F to 122°F)
Storage Temperature	-20°C to 60°C (-4°F to 140°F)
Humidity	5% to 95% related humidity, non-condensing
Ambient Light Immunity	Immune to normal artificial indoor and natural outdoor (direct sunlight) lighting conditions

* The working distances are measured in 400lux office environment using Grade A bar codes.

Physical Characteristics

Dimension	97.8 mm (L) x 70.5 mm (W) x 156.2 mm (D) 3.85 in. (L) x 2.77 in. (W) x 6.15 in. (D)
Weight	157g (cable not included)
Color	Light Gray or Black
Input Voltage	5VDC ± 10%
Current	Operating : Typical 260 mA @5VDC Standby : Typical 90 mA @5VDC

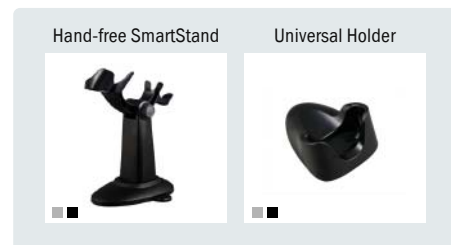
Safety & Regulatory

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

Accessories

Cables	USB Cable, PS/2 (DOS V) Keyboard Wedge Cable RS-232 Serial Cable USB Power Steal Cable
Others	Hand-free SmartStand Universal Holder

Accessories



Colors Available : ■ black ■ light gray