F560 Series

A Sleek and Lightweight Bar Code Scanner for Retail and Commercial Applications

F568 supports PDF417, MicroPDF and GS1 composite code

Capable of reading high density barcode on contact

Superior reading range more than 13" on 100% UPC/EAN symbols

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

Sleek and lightweight design fit well in most of hands for intuitive point-and-shoot scanning

Innovative trigger switch and indication design

Durable construction to withstand multiple drops to concrete from 1.6 meters

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

Presentation scanning supported

Optional vibrator for noisy and quiet environments

Available in black or gray color

The Cino F560 series bar code scanner is developed with state-of-the-art FuzzyScan 3.0 Imaging Technology inside, sleek yet lightweight form factor outside. It not only provides superior reading performance, but also delivers easy-to-use ergonomics and modern appearance. The characteristics of reliability, efficiency and outstanding cost-performance make F560 well-suited for a broad range of applications and environments, especially for those small to medium sized business. The F560 series is the most ideal solution to streamline workflow while boost productivity.

Modern design and durable construction

Designed to meet the need of intensive use all day, the F560's ergonomic handle grip and big trigger button deliver to user the maximum comfort but without compromising the sleek-yet-modern form factor. Durable housing ensures that F560 can survive 1.5-meter multiple drops to concrete; thus, providing long lasting reliability and performance.

Superior performance on both contact and distant reading

Thanks to FuzzyScan 3.0 Imaging Technology, the F560 series is capable of reading low contrast, damaged, smudged and poorly-printed barcodes labels quickly and accurately. Furthermore, the F568 supports most popular linear-stacked barcodes, including PDF417, MicroPDF, Codablock, GS1 Composite code. It can read barcodes from contact up to a distance of 18 inches.

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Specifications

Performance Characteristics

Optical System	High performance Linear Imaging Engine
Print Contrast	20% minimum reflective difference
Minimum Resolution	Typical 3mil (code 39, PCS 0.9)
Working Distance *1	More than 13 inches on 100% UPC/EAN symbols Up to 18 inches on 20 mil Code 39
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) 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	Blue LED indications Programmable beeper Optional vibrator

Supported Symbologies

1D Linear (F560)	Code 39, Code 39 Full ASCII, Code 32, Code 39 Trioptic Code 128, GS1-128, 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 (F568)	PDF417, Micro PDF417, Codablock, Composite

User Environment

Drop Specifications	Withstand multiple 1.6m/5.2ft. 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 ~ 80,000 lux

Physical Characteristics

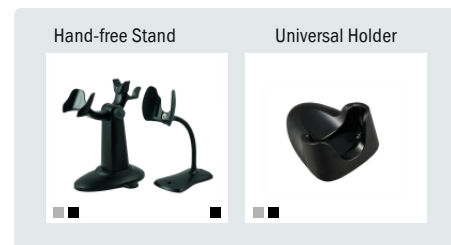|	
Dimension	165.0 mm (L) x 64.7 mm (W) x 38.7 mm (D) 6.50 in. (L) x 2.55 in. (W) x 1.52 in. (D)
Weight	106g
Color	Light Gray or Black
Input Voltage	5VDC ± 10%
Current	Operating : Typical 170 mA @5VDC Standby : Typical 75 mA @5VDC

Safety & Regulatory

EMC	CE,FCC,BSMI,KC,VCCI
Safety *2	LED Eye Safety IEC62471, Exempt Group
Environmental	Compliant with RoHS directive

Accessories

Cables	PS/2 (DOS V) Keyboard Wedge Cable RS232 Serial Cable USB Cable USB Power Steal Cable
Others	US100 Hand-free SmartStand US50 Hand-Free Stand Universal Holder

Accessories

Hand-free Stand

Universal Holder

Colors Available : ■ black ■ light gray

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1. The reading distances are measured under Cino's test environmental condition.
2. Don't stare into the LED beam.

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