

F760

The Rugged, Compact and High Performance Bar Code Linear Imager



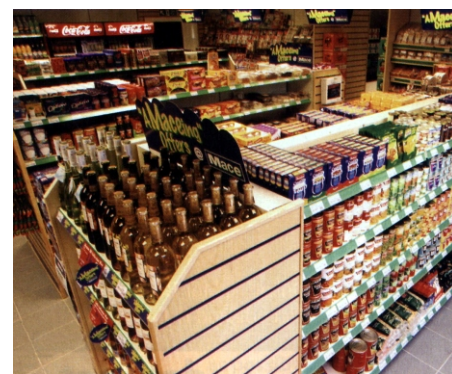
- Rugged and compact design withstands multiple drops on concrete from 1.6 meters
- Superior NeuroFuzzy decoding engine, reads poor printing bar codes
- High speed scanning rate up to 500 scans per second for snappy bar code capture
- Superior motion tolerance for rapid and accurate data-capture
- Embedded outstanding DataWizard to meet most of data editing requirements
- All-in-one universal interface link to most popular host machines
- Snap-in, detachable interface cable
- Blue color LED for power indication
- Vibrator option for noisy working environment

The all new FuzzyScan F760 Long Range Linear Imager has set up a new standard as the best cost-performance ratio solution for Aim-and-shoot data capture application. Equipped with the innovative DynaTrack (patent pending) system, the F760 automatically capture the best possible bar code image through intensive controls among the illumination, image capture, and image processing systems. Advanced optical design gives bright and sharp aiming line, just like laser beam. This has actually brought the F760 into the application territory used to be considered for laser scanner only!

The famous Neuro Fuzzy decoding platform is now further enhanced by the DynaTrack system to give snappy and accurate readings on various real world bar codes, i.e. poor printing contrast or quality. All these have made the new F760 series the best performer among its class.

To work with wide-spread host systems in the field, the F760 are designed with universal interfaces feature. Through easy configuration set up and cable change, the F760 can instantly be switched from one host to the other. This feature has been proofed to save more than 50% inventory capital investment for corporate users where various host systems are used.

While continuously adding new functions and features, PC Worth never leaves our worldwide partners aside. Via the most advanced electronic technology, the FuzzyScan family has been implemented with flash memory for years. Teamed with the most user-friendly Windows based software utility, the FuzzyScan Power.NET, in the worldwide AIDC industry, every single unit of the F760 used in any place in the world can be upgraded with our most recent release easily via simple upgrade tool set. This is just part of the long term commitment we made to support our products worldwide. The all new FuzzyScan F760 with DynaTrack, the best choice for serious bar code reader users!



F760 Series Specification Highlights



Superb bright aiming line for user visibility



Durable design withstands multiple drops from 1.6 meters



Snap-in, detachable interface cables design link to most popular hosts



Compatible with most popular hosts by "all-in-one" universal interface

Optical Characteristics

Optical System	Improved Linear Imaging Engine	
Print Contrast	20% minimum reflective difference (EAN 13, 13 mil)	
Minimum Resolution	Minimum 4 mil (PCS > 0.9)	
Working Distance	From 0.5-12 inches on 100% UPC/EAN symbols The working distances are measured in an office environment (300-400 lux) using Grade A bar codes.	
Light Source	630nm visible red LED	
Scan Rate	Dynamic scanning rate up to 500 scans/sec	
Reading Direction	Bi-directional (forward and backward)	
Pitch	± 65 degrees	
Skew (Yaw)	± 55 degrees	
Readable Bar Code Symbologies	Codabar & NW-7 Code 39 & Full ASCII Code 39 Code 32 & IATA UPC/EAN/JAN/CAN w/Addendum Standard & Industrial 2 of 5 Interleaved & Matrix 2 of 5 GS1 DataBar (RSS) - Limited/Expanded	Code 128 & UCC/EAN-128 Code 11 & Code 93 German ITF Postal Code Mainland China Postal Code Telepen (Numeric & Full ASCII) MSI/Plessey & UK/Plessey

Operational Characteristics

Operating Modes	Toggle mode Trigger mode	Force mode Diagnostic mode	Presentation mode Flash mode	Alternative mode Low power mode
Host Interfaces	PC/AT, PS/2(DOS V) keyboard wedge PC/AT, PS/2(DOS V) keyboard direct-link Generic Notebook PC keyboard direct-link TTL RS-232 serial USB HID (USB Keyboard)			
Configuration Setup	Bar code programming manual Windows utility - FuzzyScan PowerTool.NET			
Data Editing	Condensed DataWizard via bar code programming manual Full-feature DataWizard via FuzzyScan PowerTool.NET			
Special Features	Field Upgrade via FuzzyScan PowerTool.NET			
Cable Structure	Snap-in Detachable Interface cable			
Available interface cables	USB Cable PS/2 (DOS V) Keyboard Wedge Cable RS-232 Serial (9-pin D-sub) Cable			
Good read vibrator (Optional)	For noisy environment usage Support good read vibrational indication			

Mechanical Characteristics

Dimension (L x W x D)	97.8 mm x 70.5 mm x 156.2 mm
Weight (w/cable)	240g

User Environment

Drop Specifications	Withstand multiple drops to concrete from 1.6m height
Environmental Sealing	IP41
Operating Temperature	0°C to 50°C
Storage Temperature	-20°C to 60°C
Humidity	up to 95% RH non-condensing

Accessories

Universal Holder
Universal Stand (Patented)

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