

GS F70M Fixed-Mount Industrial Scanner

Two red laser dots aiming expanded the decode range greatly

GS F70M features the aiming of two red laser dots, which provide accurate barcode positioning and speed up barcode acquisition, no matter within which distance does the barcode. Therefore, working efficiency improved greatly.

Focal length can be adjusted manually

The GS F70M offers manual focal length adjustment function. Building upon the standard 160mm focal length, it provides the flexibility to finely adjust the focal distance both upwards and downwards, accommodating an extensive range of working distances from 50mm to over 1000mm.



Polarized lens decreases light reflection, enhanced contrast

The polarized lens of GS F70M filter out reflected light coming from any angle, block lights from specific directions, providing clearer, more vibrant barcodes, which enhanced barcode readability and decoding speed. This, in turn, increased efficiency in any application scenarios.

Unparallel durability dues to metal housing, IP65, and drop/fall resistance ability

The housing of GS F70M is zinc alloy, which is not only chemical and oil resistant, but also IP65-rated sealing, ensuring outstanding reliability and toughness in the most challenging environments. What's more, it is built to survive 5 times each side 3.9ft./1.2M drops to cement floor.

Generalscan EasyScan software

The free EasyScan software provided by Generalscan is convenient for you to set up scanning parameters for GS industrial fixed series products in the shortest time. Parameters can also be set for barcodes of different barcode material, printing methods, colors, and sizes to achieve the best scanning performance. You can see the detailed parameters, decoded image, decoded speed, decoded result, statistically decoded stability, etc. in EasyScan. This software can satisfy you to modify all the functions of the scanner.

ACCESSORIES



USB CABLE

RS232 CABLE

ETHERNET CABLE

25PIN D-SUB CABLE

ADAPTOR

PRODUCT SPEC SHEET

GS F70M Fixed-Mount Scanner

PHYSICAL PARAMETER

Dimensions	25.60in. (L) x 18.5in. (W) x 18.62in. (H); 65mm(L) x 47mm(W) x 47.3mm(H)
Weight	321g
Power	5-30V DC
Material	Zinc alloy
Interface	17 pin M12 Aviation Connector 4 pin M12 Aviation Connector
Indication	LED, Buzzer

PERFORMANCE CHARACTERISTICS

Optical Resolution	1280 x 1080 pixels 60FPS
Shutter Type	Global Shutter
Field of View	Horizontal: 39° Vertical: 33°
Illumination	Two Red Dots
Aiming	Two Red Dots
Supported Symbologies	1D: Code128, Code93, Code39, Interleaved 2 of 5, Industrial 2 of 5, IAN/EAN/UPC 2D:QR, DataMatrix, PDF417, Aztec
Communication Interface	USB COM, USB Keyboard; RS232; Ethernet(TCP/IP)
Configurable IO	Two optically isolated input, NPN/PNP/Relay available Three optically isolated output

USER ENVIRONMENT

Ambient Light	Max 100,000 lux (direct sunlight)
Operating Temperature	32°F ~ 122°F / 0°C ~ 50°C
Storage Temperature	-4°F ~ 158°F / -20°C ~ 70°C
Drop Spec.	6 sides x 5 times/side = 30 times from 3.9 ft. /1.2m drops to cement floor
IP Level	IP65
Electrostatic Discharge (ESD)	±8KV dc contact discharge; ±15KV dc air discharge; ±20KV dc coupling discharge

DECODE RANGE

7.5mil DataMatrix Size: 1.75x1.75mm	2.2in - 16.5in./55.0mm - 420.0mm
12.5mil DataMatrix Size: 3.0x3.0mm	2.0in - 20.1in./50.0mm - 510.0mm
22.5mil DataMatrix Size: 5.0x5.0mm	2.4in - 24.0in./60.0mm - 610.0mm
37.5mil DataMatrix Size: 10x10mm	2.4in - 28.3in./60.0mm - 720.0mm
57.5mil DataMatrix Size: 15.0x15.0mm	3.3in - 29.5in./85.0mm - 750.0mm

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