GENERALSCAN

GS F52 Fixed-Mount Industrial Scanner

Red cross laser aiming can be seen clearly regardless of the distance

The aiming of GS F52 is red cross laser. The intensity of laser light is stronger, so its center shape does not vary with distances. Aiming point can be seen clearly whether the barcode is under strong illumination or in dark environment.

CPU of GS F52 upgraded

The upgraded CPU provides better computing and processing capabilities. Faster application startup speed, quicker task completion duration, and smoother multitasking make GS F52 a better barcode reader.

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

The housing of GS F52 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.

Extensive application scenarios

The GS F52 finds diverse applications across a wide range of fields, no matter applications in common industries like swift and efficient checkout processed in retail, ticket information inquiry in ticketing, production data-trace in production of precision electronic components, food quality and safety in food production management, and also industires in harsh environment, such as precise tracking of parcels in logistics. In a word, GS F52, with its exceptional performance, provides a dependable barcode reading solution for various scenarios.

Generalscan easyscan software

The EasyScan software provided free by Generalscan is convenient for you to set up scanning for GS industrial fixed series products in the shortest time. Parameters can also be set for barcodes of different barcode media, printing methods, colors, and sizes to achieve the best scanning results. You can see the set 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**

PRODUCT SPEC SHEET
GS F52 Fixed-Mount Scanner

PHYSICAL PARAMETER

Dimensions	1.4in. (L) x 1.6in. (W) x 0.9in. (H); 36mm(L) x 40mm(W) x 22mm(H)
Weight	95g
Power	5-30V DC
Material	Zinc aloy
Interface	12 pin M12 Aviation Connector
Indication	LED, Buzzer

PERFORMANCE CHARACTERISTICS

Optical Resolution	1280 x 1080 pixels 60FPS
Shutter Type	Global Shutter
Field of View	L: 22°
Illumination	Highlight red light
Aiming	Red Cross Laser
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	One optically isolated input, NPN/PNP/Relay available
	One 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

3.0mil Code 39	3.7in. - 4.8 in. /95.0mm - 122.0mm
5.0mil Code 39	2.8in. - 9.1 in. /70.0mm - 232.0mm
6.57mil Code 39	2.6in. - 9.6 in. /65.0mm - 245.0mm
9.86mil Code 39	3.3in. - 11.6 in. /85.0mm - 295.0mm
13.0mil UPC	1.6in. - 13.0 in. /40.0mm - 330.0mm
7.0mil DM	3.4in. - 6.9 in. /86.0mm - 175.0mm
10.0mil DM	2.4in. - 9.3 in. /60.0mm - 235.0mm

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