GENERALSCAN

GS F51 Fixed-Mount Industrial Scanner

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

Its ultra-rugged design guarantees reliable operation in extremely harsh environments. Its metal housing is not only chemical and oil resistant, but also IP65-rated sealing ensures outstanding reliability and toughness in the most challenging environments.

Ultra-compact dimensions and flexible mounting method

GS F51 has a dimension of just 3.6cm x 4.0cm x 2.2cm, making it highly suitable for installation in constrained spaces. The accompanying scanner bracket offers versatile placement options, allowing flexible mounting in various locations. It can be easily adjusted to achieve optimal decoding outcomes from any angle.

Extensive application scenarios

The GS F51 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 F51 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 F51 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	97g
Power	5-30V DC
Material	Zinc aloy
Interface	12 pin M12 Aviation Connector
Indication	LED, Buzzer

PERFORMANCE CHARACTERISTICS

Optical Resolution	640 x 480 pixels 60FPS
Shutter Type	Global Shutter
Field of View	L: 22°
Illumination	Highlight red light
Aiming	Two Green 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	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

3.3mil Code 128	3.8in. - 4.7 in. /97.0mm - 119.0mm
4.9mil Code 128	3.3in. - 7.0 in. /83.0mm - 179.0mm
8.2mil Code 128	2.2in. -11.7in. /57.0mm - 298.0mm
9.9mil Code 128	1.8in. -13.2in. /46.0mm - 335.0mm
DM ECC200 18.0 x 18.0 Size: 3.0 x 3.0mm	3.3in. - 5.9 in. /85.0mm - 151.0mm
DM ECC200 18.0 x 18.0 Size: 5.3 x 5.3mm	2.4in. -11.0in. /60.0mm - 281.0mm
DM ECC200 18.0 x 18.0 Size: 8.3 x 8.3mm	2.0in. -13.8in. /51.0mm - 350.0mm

GENERALSCAN

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