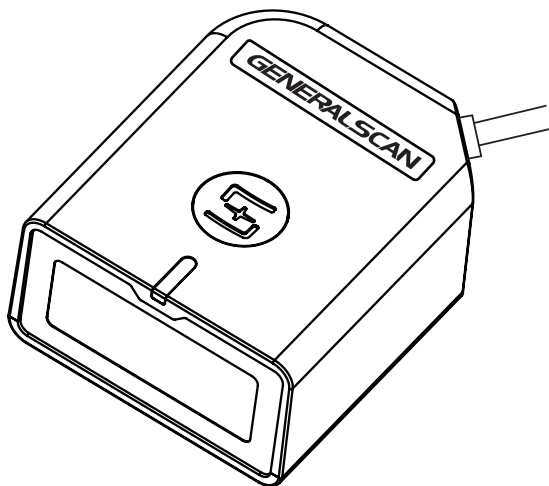


# GENERALSCAN

## GS F50

Fixed-Mount Scanner

QUICK START GUIDE



EN

# ■ GENERALSCAN QUICK START GUIDE

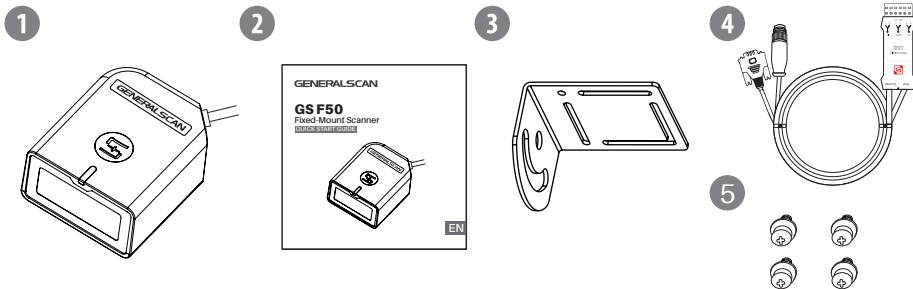
This guide introduces the assembly method and the basic parameters of the fixed-mounted scanner GS F50, you can adjust the settings and modes of your device according to your wishes and get it work easily. If any further questions, please contact us via email [support@generalscan.cloud](mailto:support@generalscan.cloud).

## ■ COPYRIGHT

GENERALSCAN reserves the right to make changes to any product to improve reliability, function or design.

GENERALSCAN does not assume any product liability arising out of, or in connection with the application or use of any product, circuit or application described herein.

## ■ UNPACKING



① GS F50 x 1

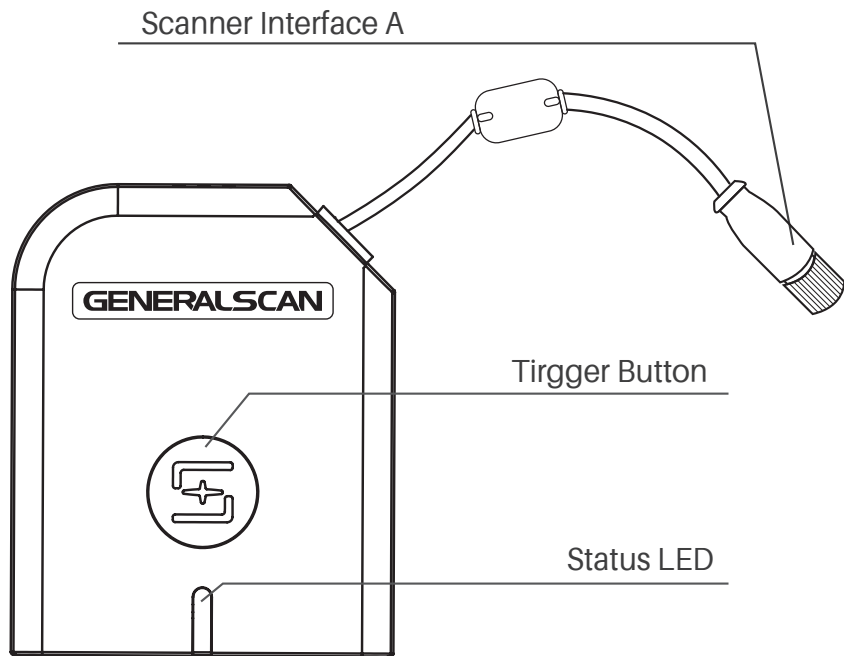
② Quick Start Guide x 1

③ Mounting Bracket x 1

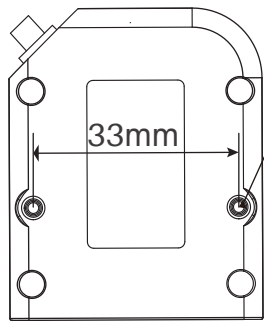
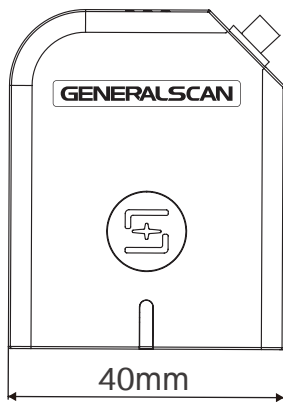
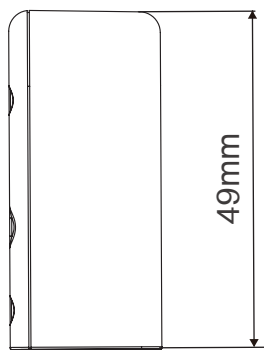
④ Cable x 1

⑤ Screw x 4

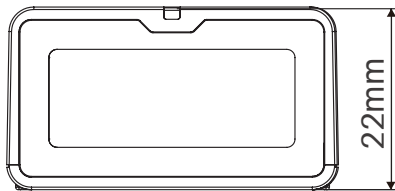
## ■ FEATURES



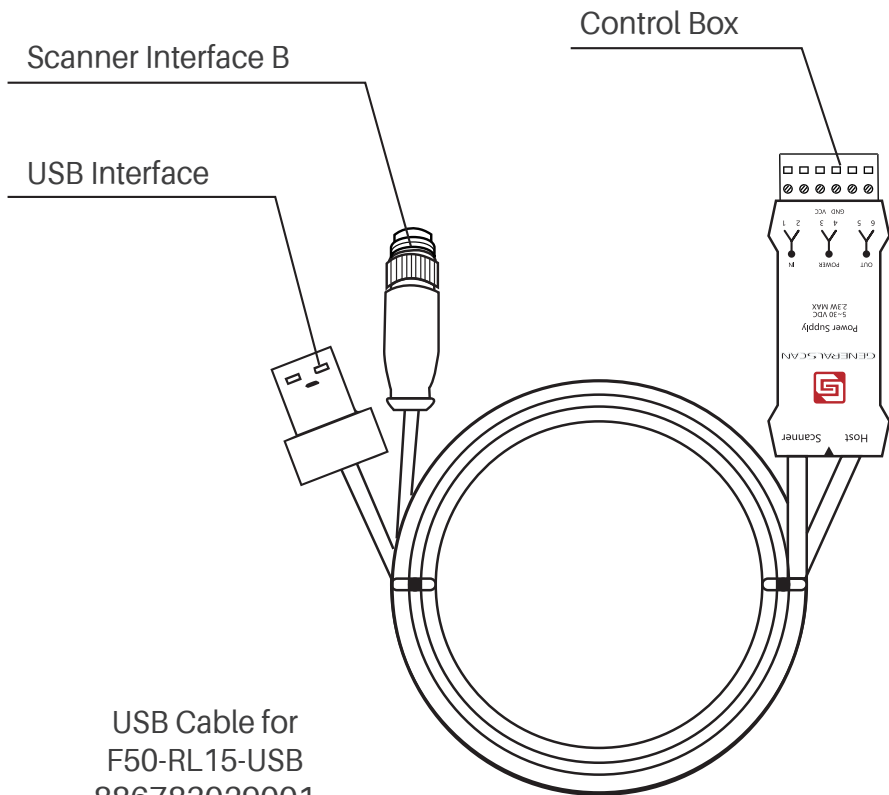
## ■ DIMENSIONS



Screw M2.5



## ■ CABLES



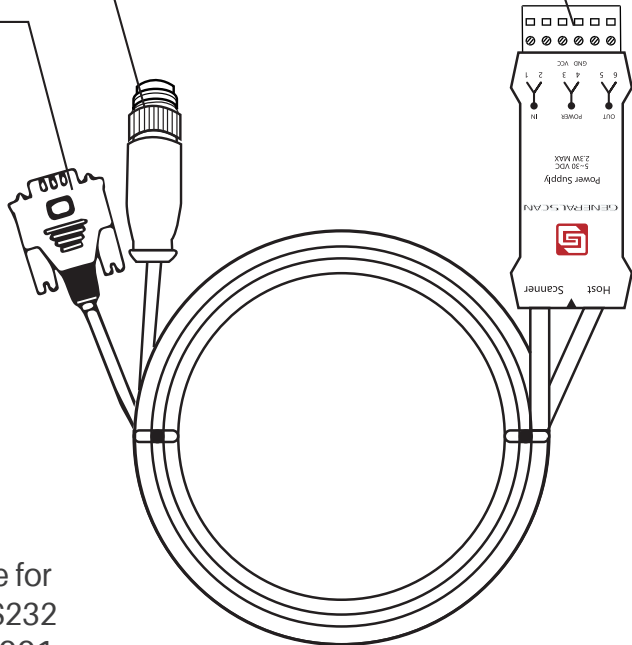
USB Cable for  
F50-RL15-USB  
886783029001

# ■ CABLES

Scanner Interface B

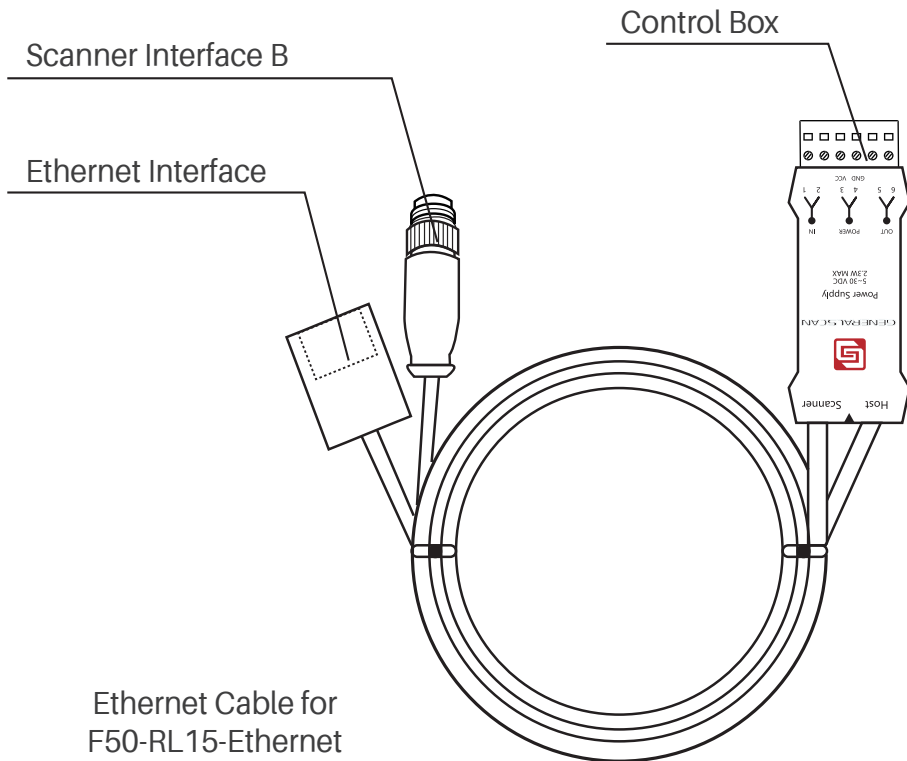
RS232 Interface

Control Box



RS232 Cable for  
F50-RL15-RS232  
886783030001

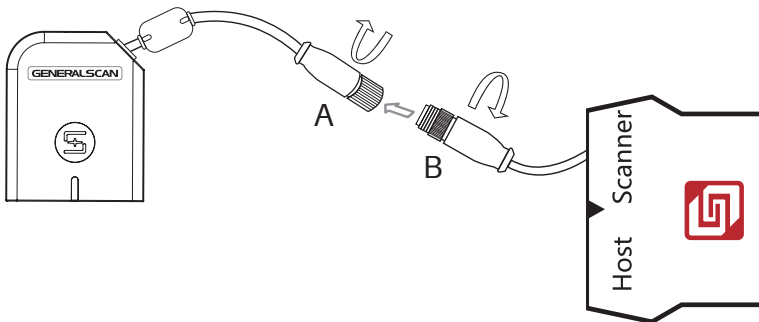
## ■ CABLES



Ethernet Cable for  
F50-RL15-Ethernet  
886783031001

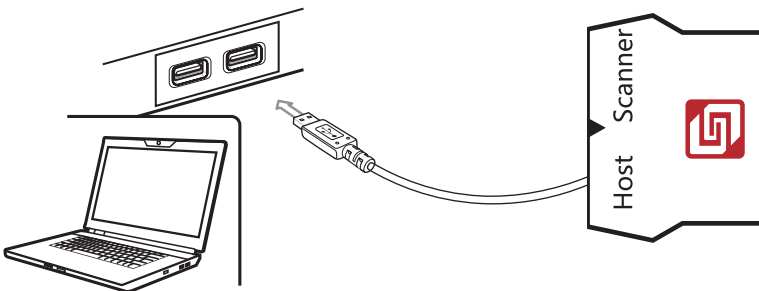
## ■ HOW TO CONNECT

1. Connect the Scanner Interface A to Scanner Interface B.



2. Connect "Host" with data collection terminal to transfer data.

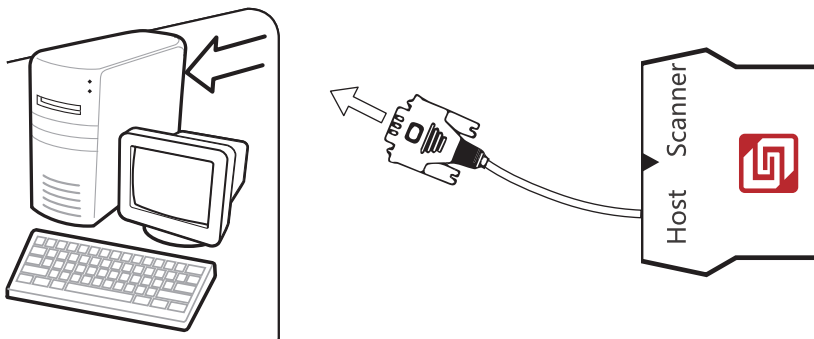
a. The "Host" of F50-RL15-USB is USB interface.



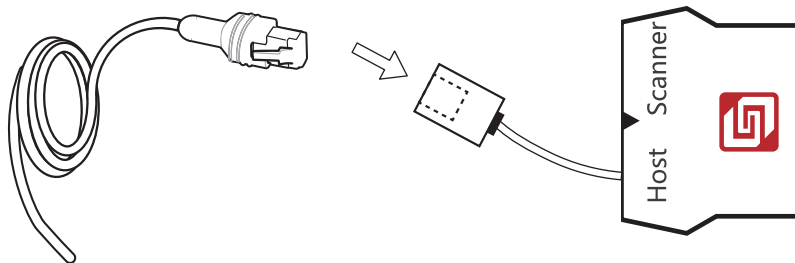


## ■ HOW TO CONNECT

b. The "Host" of F50-RL15-RS232 is RS232 interface.

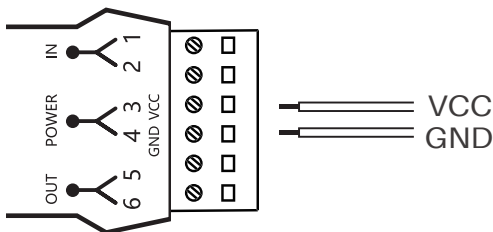


c. The "Host" of F50-RL15-Ethernet is RJ45 interface.



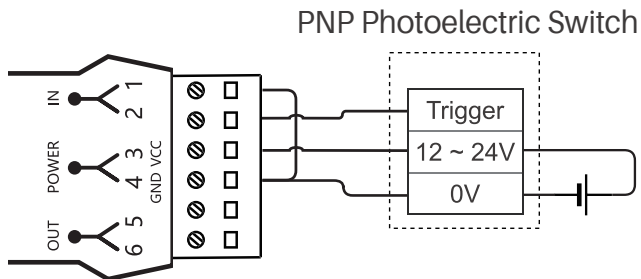
## ■ HOW TO CONNECT

3. Connect Pin VCC and Pin GND to external DC power supply of 5-30V. When host using the USB interface(Current $\geq$ 500mA), it can be powered by USB.



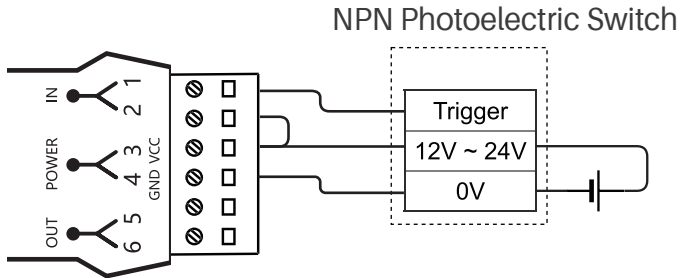
4. When using sensor switch to trigger, connect switch to Pin IN on control box to trigger.

a. Connect to PNP Photoelectric Switch.

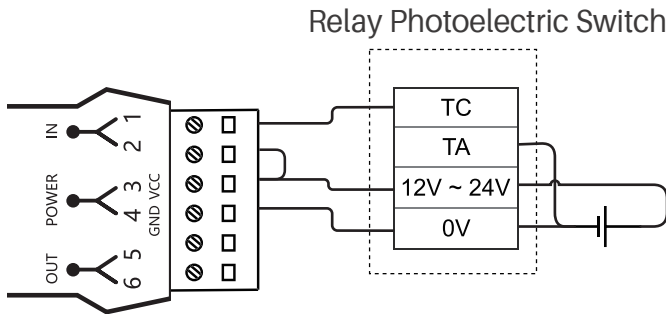


## ■ HOW TO CONNECT

b. Connect to NPN Photoelectric Switch.

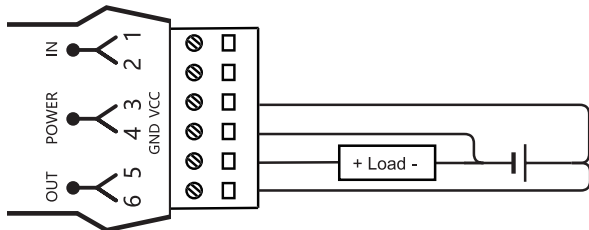


c. Connect to Relay Photoelectric Switch.

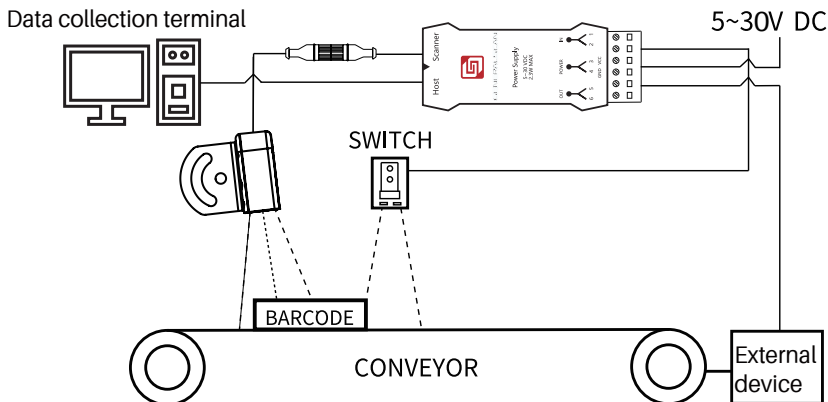


## ■ HOW TO CONNECT

5. Connect external device with Pin OUT on control box to get output feedback signal or control signal.

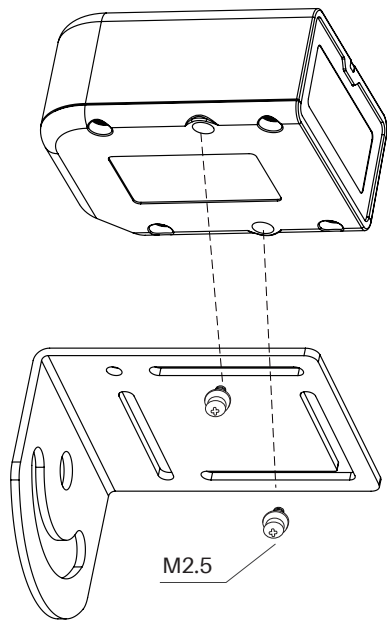


6. Installation Example.

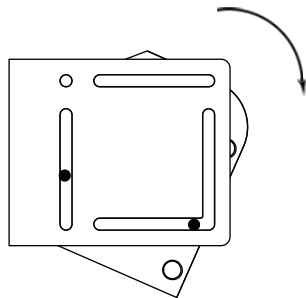


## ■ BRACKET ASSEMBLE

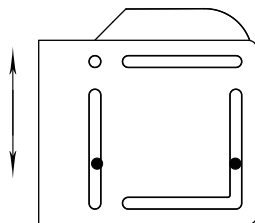
- ① Fixed the scanner to the bracket.
- ② Scanner angle can be adjusted freely.
- ③ Scanner can move vertically up and down.



1



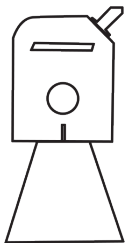
2



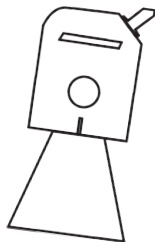
3

## ■ MOUNTING ANGLE

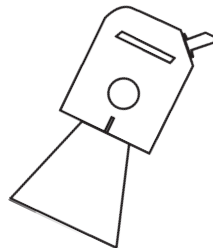
Three commonly used mounting angles recommended: vertical mounting, a slight angle of 15° mounting, and an inclination angle of 45° mounting. Actually mounting angles can be chosen freely according to different reflection of different application materials to ensure the best reader performance.



vertical mounting



15° mounting



45° mounting

## ■ COMMONLY USED COMMAND

Function	Command (Hex)
Trigger	02 F4 03
Deactivate Trigger	02 F5 03
Return to Default Setting	02 F0 03 30 44 30 31 30 30 2E

Note: You can trigger by serial port commands

## ■ INDICATIONS

Indication	LED	Beeper
Power on	Status LED flashes red once	Prompt sound
Decode successfully	Status LED flashes blue once	One beep

## ■ DECODE RANGE

3.28mil Code 128	3.8in. - 4.7in./97.0mm - 119.0mm
4.93mil Code 128	3.3in. - 7.0in./83.0mm - 179.0mm
8.22mil Code 128	2.2in. - 11.7in./57.0mm - 298.0mm
9.86mil Code 128	1.8in. - 13.2in./46.0mm - 335.0mm
DM ECC200 18x18 Size: 3.0x3.0mm	3.3in. - 5.9in./85.0mm - 151.0mm
DM ECC200 18x18 Size: 5.3x5.3mm	2.4in. - 11.0in./60.0mm - 281.0mm
DM ECC200 18x18 Size: 8.3x8.3mm	2.0in. - 13.8in./51.0mm - 350.0mm

## ■ SOFTWARE DOWNLOAD

Please download EasyScan to configure at PC end from our website

[www.generalscan.cloud](http://www.generalscan.cloud)

### Service Information

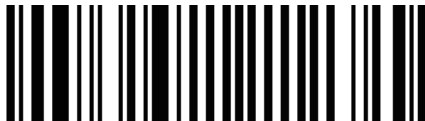
If you have a question of your GENERALSCAN barcode scanner, please visit our service page for assistance.

[www.generalscan.cloud/services](http://www.generalscan.cloud/services)

## QUICK START GUIDE

Email: [Support@generalscan.cloud](mailto:Support@generalscan.cloud)

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Version 1.0



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