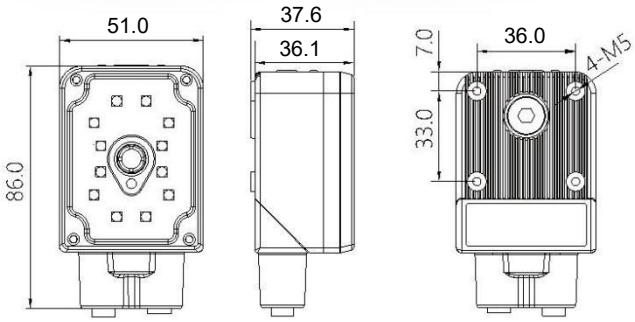
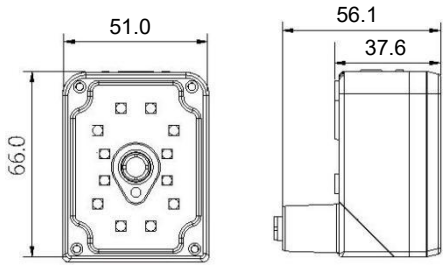
infoscan FV104 Compact Industrial Reader



As shown in the figure：FV104-1110



（Unit:mm）

Easy to install or integrate in a small space

With a compact design, the pedestal can be rotated 90 degrees and can be installed in a smaller space or integrated into the customer's equipment.

FV104 has a 1.2 mega-pixel high-performance CMOS sensor, high resolution lens, and new lighting unit. Powered by this, 1-D barcode, 2-D barcode (including Laser engraving and other DPM barcodes), stacked code can be easily handled.
FV104 is also the infoscan's product with a rotatable pedestal, which makes it easier to be installed in a narrow space.

High resolution lens with focus adjustment

With the newly designed high-resolution lens, the 2mil 2-D barcode can be read.
The focus position can be adjusted through the knob on the back of the body.

Multiple light sources design

LED array lighting is design for better brightness, more uniform light.
Three groups of LED array lighting sources can be controlled and combined separately, which means more suitable for DPM reading applications.
Aiming at the reading of high reflective surface, polarized lighting version is provided.
Laser aiming, convenient for users to install and deploy.

Powerful decoding algorithm

It can read 1D, 2D and stacked codes compliant with national and international standards. Powerful decoding capability for challenging barcodes such as stained, deformed, and low contrast.

Visual user interface

Real time image viewing, convenient for users to install and deploy; Graphical user interface for device configuration.

Industrial standard

IP65 protection level; Multiple I/O interfaces; Ethernet and RS232 communication modes are supported.

APPLICATIONS

Laser marking and ink-jet marking

Device integration

Automotive

Electronics

Solar energy industry

Product traceability (food, agriculture, wine, etc.)

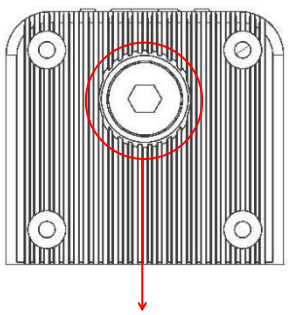
TECHNICAL PARAMETERS

Image Resolution	1280 × 960
Sensor	1/3 inch CMOS
Frame Rate	Maximum 60 frame/s
Trigger Mode	Command trigger; I/O trigger; Continuous reading mode; Presentation Mode
I/O Type	2 isolated inputs;4 isolated outputs
LED	4 LED indicators (power, reading success, reading failure, custom)
Illumination	Red LED array light source; support independent control and combination of three groups of light source (Note 1)
Polarizing Filter	YES (Note 2)
Aiming System	Laser aiming
Communication Interfaces	Ethernet, RS232

Power Supply	20 - 30 VDC
Power Consumption	1.9 W（Standby status ）,14.4 W (Peak)(Note 3)
Case Material	Aluminium alloy
Weight	195 g
Dimensions	86× 51× 37.6 mm（l ×w×h）
Operating Temperature	-10 - 50 ℃
Storage Temperature	-20 - 70 ℃
IP Protecting Grade	IP65
Certification	CE、ROHS
Readable Symbologies	Readable 1D,2D and stack codes compliant with national or international standards
Reading Resolution	1 D code : 1.6mil 2D code : 2mil

Note 1：Supported by specific model.
Note 2：Supported by specific model.
Note 3：Measured without external load.

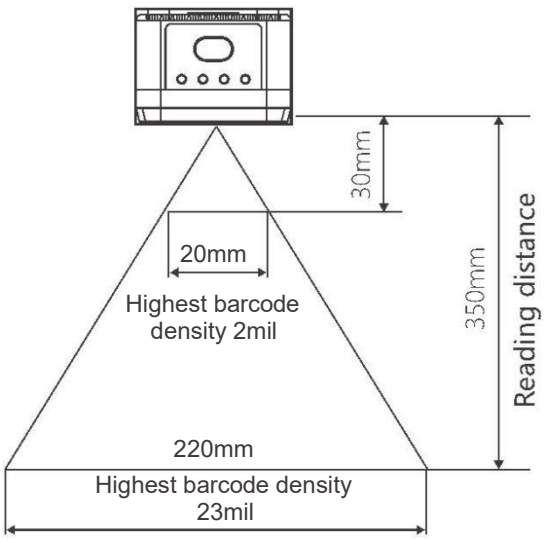
FOCUS ADJUSTMENT(BODY BACK)



Turn the knob, point to the corresponding dot.
The smaller the dot is, the closer the focusing position is.

As shown in the figure：FV104-1110

VIEW OF READING FIELD



Reading View

CE RoHS

Nanjing Bilin Intelligent Identification Technology Co., Ltd.
Website：www.infoscan-cn.com

Infoscan

Ver:20230308