

Youjie HF500

Compact 2D Scanner

With compact size, excellent performance and high portability, the new YOUJIE compact imaging scanner HF500 demonstrates strong scanning capability for all one-dimensional, PDF and 2D bar codes.

HF500, with a highly compact shape, can be embedded into a variety of self-service equipment, such as the kiosks, the ticket machines, and the vending machines.

The ergonomic design with clear visible LED indicators, and the “High 2D” intelligent imaging technology enable HF500 deliver superior scanning performance for barcodes and digital images, even for barcodes on highly reflective surface (such as 2D barcodes on a mobile phone screen). This eliminates the needs for additional devices for barcodes printout.

HF500 provides the users highly reliable scanning solution. For users who desire scanning applications in more rigid deployment environment, the corresponding accessory can be provided.



Features



Clearly visible LED aimer:
Laser-free aiming can provide accurate scanning indication, enable a user-friendly operating environment which eliminates the possible harm to eyes caused by laser.



Flexible and compact form:
Can be embedded into various equipment as a component for barcode reading applications.



Intelligent multiple interface design: Supports all popular interfaces with one single device. Automatic interface detection eliminates the time-consuming and manual process of configuration for scanning.



Flexible decode editing capabilities: Users can edit the decoded output characters based on the application needs, without purchasing additional decoding software.

Youjie HF500 Technical Specifications

Mechanical/ Electrical

Dimensions (L x W x H): 52.3mm×49mm×29mm

Weight: 50g

Input Voltage: 5 ± 0.5VDC

Operating Power: 2.25W, 450mA (Typical) @5VDC

Standby Power: 1.25W, 250mA (Typical)@5VDC

Interface: USB, RS232

Environmental

Operating Temperature: -10°C to 40°C

Storage Temperature: -40°C to 60°C

Humidity: 95%

Drop: can withstand multiple drops from one meter strike

Environmental Sealing: IP40 (standard version)
IP51 (rubber bumpers)

Light Levels: 0 to 100, 000LUX

Scanning Performance

Light Source: white LED

Sight: red KED, 617nm

Lights: flashing blue= decoding success

Scan Pattern: image

Print Contrast: 35%

Pitch, Skew: 360°,60°,70°

Minimum Width: 1D 4mil Code 39, 2D 6.7mil QR

Decode Capabilities: Reads all standard 1D and 2D code

Scanning Ranges

Typical Performance	
Narrow Width	Depth of Field
5mil Code 39	56mm – 118mm
17.5mil Code 39	46mm –176mm
10mil Code 39	31mm – 239mm
20mil Code 39	53mm – 371mm
13mil UPC-A	48mm – 271mm

For more information:

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