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Youjie HF600

Presentation Area-imaging Scanner

With 2D barcodes increasing their popularity in various applications, customers are looking for affordable high-performance 2D barcode scanners. Designed with leading technology and superior performance, Youjie launches a new hands-free area-imaging scanner HF600, which can be widely used in multiple applications, such as retail POS, logistics tracking, pharmacy and office automation.



Featuring the same quality assurance at competitive pricing from the Youjie product portfolio, HF600 area-imaging scanner has a unique design consisting 2 modular parts -- fixed base with three-angle adjustable scanning head -- to meet users' scanning habits. An 80mm diameter extra large window covers a wide range of scanning distances and area. To maximize the scanning performance, high-precision digital imaging and intelligent lighting technology enable fast reading of all types of 2D barcodes. For those hard-to-read bar codes on mobile phones, user can simply press a button to switch into an optimal mobile scanning mode, greatly increasing scanning efficiency and productivity.

With affordable price and stable performance, HF600 is the ideal choice for various small and medium-sized enterprises with 2D scanning needs, including but not limited to E-membership card reading, mobile coupon scanning, warehousing and logistics document control.

Features

Ergonomic Design: 2-modular body design with large window can easily meet various scanning needs

Switch for Mobile Scanning: a single button enables the optimal scanning of 2D barcodes on mobile phones, improving efficiency and customer satisfaction

Sleep Mode with IR Activation: effectively reduces power consumption, extends product life and lowers operating costs

Intelligent Lighting Technology: with 3 adjustable lighting options, scanner illumination is optimized for superior 2D scanning performance and high motion tolerance

Youjie HF600 Technical Specifications

Mechanical

Dimensions (LxWxH): 87.4mm×98.2mm×170mm

Weight: 340g

Electrical

Input Voltage: 5 VDC±0.5V

Operating Power: 2W (400mA @5V)(typical)

Standby Power: 0.45W (90mA@5V) (typical)

DC Power Supply: Class2: 5.2VDC @1A

Certification: China RoHS

Environmental

Operating Temperature: 0 °C to 40°C

Storage Temperature: -40 °C to 60°C

Humidity: 0% to 95% relative humidity non-condensing

Light Levels: 100,000LUX

Drop: Designed to withstand 1 m drop

Scanning Performance

Light Source: Visible diode 610 to 620nm

Beeper: 3 intensity levels high medium and low

Visual Indicators: Steady White and Blue = ready to scan; Flashing Blue = good read

Host System Interfaces: USB RS232 Serial KBW

Scan Pattern: Presentation scan; mobile scan

Print Contrast: 35% minimum reflectance difference

Tilt Pitch Skew: 360° 60° 70°

Decode Capability: Reads standard 1D and 2D symbologies

Typical Performance	
Narrow Width	Depth of Field
5 mil Code 39	0mm – 40mm
6.7mil PDF417	0mm –74mm
10mil Data Matrix	0mm – 73mm
13mil UPC-A	0mm – 253mm
20mil QR	0mm – 191mm
20mil Code39	0mm – 334mm
*Resolution: 1D : 5 mil (0.127 mm), PDF417 6.7mil (0.170mm)	
*Performance may be impacted by bar code quality and environmental conditions	

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