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

Typical Performance

<table>
<thead>
<tr>
<th>Narrow Width</th>
<th>Depth of Field</th>
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<tbody>
<tr>
<td>5 mil Code 39</td>
<td>0mm – 40mm</td>
</tr>
<tr>
<td>6.7mil PDF417</td>
<td>0mm – 74mm</td>
</tr>
<tr>
<td>10mil Data Matrix</td>
<td>0mm – 73mm</td>
</tr>
<tr>
<td>13mil UPC-A</td>
<td>0mm – 253mm</td>
</tr>
<tr>
<td>20mil QR</td>
<td>0mm – 191mm</td>
</tr>
<tr>
<td>20mil Code39</td>
<td>0mm – 334mm</td>
</tr>
</tbody>
</table>

*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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