

**Honeywell Sensing and Productivity Solutions**

Tamaulipas 141 1er piso, Hipódromo Condesa  
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**YOUJIE**  
by Honeywell

## YJ4600 Lector tipo pistola Imager 2D



YJ4600 is a general purpose area imaging scanner targeting low to middle segments of the 2D market. With competitive pricing, outstanding performance, ergonomic design, and optimal functionality, it meets the demands of a wide variety of applications.

### Features

- **Cost-effective:** Competitive pricing, outstanding performance
- **Compact, lightweight, user-friendly design:** Fast and accurate scanning, elegant and ergonomic design allows for a natural and comfortable grip
- **Versatile scanning modes:** : Supports both manual and presentation scanning modes with automatic object detection and scanning
- **Advanced decoding software:** Cutting-edge decoding technology, able to scan both 1D and 2D barcodes quickly and accurately
- **Reliable data capture ability:** Supports most standard 1D and mainstream 2D symbology, as well as those on electronic screens (such as mobile phones)
- **Future-proof investment:** Protects your future investment with 2D capability at an affordable price meeting both current and future barcode scanning needs

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Technical Specifications	Youjie 4600																						
Light Source	White LED																						
Scan Pattern	Area Image (640 x 480 pixel array)																						
Scan Angle (FOV)	Horizontal 37.8°; Vertical 28.9°																						
Print Contrast	Minimum 35% contrast																						
Pitch Tilt and Skew	Pitch $\pm 70^\circ$ , Tilt $\pm 60^\circ$ , Rotation $\pm 180^\circ$																						
Light Levels	0 - 100,000LUX																						
Motion Tolerance	100mm per second, 13 mil UPC																						
Decode Capabilities	Supports most standard 1D and mainstream 2D symbology, as well as those on electronic screens (such as mobile phones)																						
DOF and resolution	<table border="1"> <thead> <tr> <th colspan="2">Typical Performance*</th> </tr> <tr> <th>Narrow Width</th> <th>Depth of Field</th> </tr> </thead> <tbody> <tr> <td>5 mil Code39</td> <td>42mm - 111mm</td> </tr> <tr> <td>13 mil UPC-A</td> <td>36mm - 261mm</td> </tr> <tr> <td>20 mil Code 39</td> <td>41mm - 361mm</td> </tr> <tr> <td>6.7 mil PDF417</td> <td>41mm - 106mm</td> </tr> <tr> <td>10mil Data Matrix</td> <td>41mm - 111mm</td> </tr> <tr> <td>15mil Data Matrix</td> <td>30mm - 170mm</td> </tr> <tr> <td>20mil QR</td> <td>31mm - 211mm</td> </tr> <tr> <td colspan="2">Resolution: 4 mil</td> </tr> <tr> <td colspan="2">*Performance may be impacted by bar code quality and environmental conditions</td> </tr> </tbody> </table>	Typical Performance*		Narrow Width	Depth of Field	5 mil Code39	42mm - 111mm	13 mil UPC-A	36mm - 261mm	20 mil Code 39	41mm - 361mm	6.7 mil PDF417	41mm - 106mm	10mil Data Matrix	41mm - 111mm	15mil Data Matrix	30mm - 170mm	20mil QR	31mm - 211mm	Resolution: 4 mil		*Performance may be impacted by bar code quality and environmental conditions	
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Technical Specifications	Youjie 4600
Input voltage	4 ~ 5.5 VDC
Operating power	2.0 W (400mA @ 5V)
Standby power	0.45 W (90mA @ 5V)
EMI	Class B
Operating Temp.	0 ~ 40 °C
Storage Temp.	-40 ~ 60 °C
Humidity	0% ~ 95% relative humidity, non-condensing
Platform	Freescale iMX25 + BYD Camera Module