



AP9540-HD 2D Coded Image scanner

- The layered appearance and the mirror design on the top create a new aesthetic experience.
- Global shutter, combined with 2m/s motion tolerance, can easily read moving barcodes.
- For low-contrast barcodes, damaged/wrinkled/irregular /poor printing quality barcodes, it has good reading performance.
- Easy to read barcodes, QR code, DM, PDF417, etc.
- Professional electrostatic protection and anti-interference design, can be used normally in complex electromagnetic environment.



★ Application



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Performance Parameter																															
Light Source	LED White light																														
Aiming Light	Green Dot																														
Image Sensor	1280*800 pixels																														
CPU	1.2G Dual core																														
Resolution(maximum)	3mils																														
Minimum Print Contrast	20% Reflection Difference																														
Motion Tolerance	2M/S																														
Image Field of View	Horizontal: 50°; Vertical: 38°																														
Reading Angle	Pitch: 0-360°; Roll(Tilt): ±60°; Skew (Yaw): ±60°																														
Decoding Capability	1D: All standard 1D codes including GS1 DataBar™ linear code can be automatically distinguished and decoded. 2D: Aztec Code; Data Matrix; MaxiCode; QRCode; HANXIN; MicroQR Code Stack code: GS1 DataBar Expanded Stacked; GS1 DataBar Stacked; GS1 DataBar Stacked Omnidirectional; GS1 DataBar Composite; MicroPDF417; PDF417.																														
Reading Indicators	LED light&Buzzer(adjustable tone and volume)																														
Typical depth of Field	<table border="1"> <thead> <tr> <th>Precision</th> <th>Barcode</th> <th>Depth of Field</th> </tr> </thead> <tbody> <tr> <td>3.34mil</td> <td>CODE 128</td> <td>40mm—80mm</td> </tr> <tr> <td>5mil</td> <td>CODE128</td> <td>35mm—135mm</td> </tr> <tr> <td>3.34mil</td> <td>EAN-13</td> <td>40mm—80mm</td> </tr> <tr> <td>5mil</td> <td>EAN-13</td> <td>30mm—105mm</td> </tr> <tr> <td>13.34mil</td> <td>EAN-13</td> <td>30mm—290mm</td> </tr> <tr> <td>5mil</td> <td>PDF417</td> <td>35mm—105mm</td> </tr> <tr> <td>15mil</td> <td>QR</td> <td>20mm—155mm</td> </tr> <tr> <td>10mil</td> <td>DM</td> <td>30mm—140mm</td> </tr> <tr> <td>20mil</td> <td>QR</td> <td>30mm—265mm</td> </tr> </tbody> </table> <p>(The minimum depth of field is determined by the barcode length and scanning angle. It depends on the print resolution, contrast and ambient light.)</p>	Precision	Barcode	Depth of Field	3.34mil	CODE 128	40mm—80mm	5mil	CODE128	35mm—135mm	3.34mil	EAN-13	40mm—80mm	5mil	EAN-13	30mm—105mm	13.34mil	EAN-13	30mm—290mm	5mil	PDF417	35mm—105mm	15mil	QR	20mm—155mm	10mil	DM	30mm—140mm	20mil	QR	30mm—265mm
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Electrical Parameter																															
Current	Working current(Standard): < 280 mA ; Standby current(Standard): < 130 mA																														
Input Voltage	5 VDC (+/- 10%)/500mA																														
Environmental Parameter																															
ESD protection(Air discharge)	8 kV																														
Drop resistance	Withstands repeated drops from 1.5m/4.0ft																														
Temperature	Working: -10 to 50 °C Storage/Transport: -20 to 65 °C																														
Humidity(non-condensing)	5 - 95%																														
Ambient light	Indoor: 0 to 6,000 lux; Outdoor: 0 to 100,000 lux																														
Product Size	172*67*87mm																														
Interfaces	RS-232; USB HID; USB COM; HID POS available as per customer's needs																														
Transmission	Support multi-language transmission, compatible with major operating systems, support the editing of barcode data.																														
Warranty	12 months																														

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