

AP-9800



Improve Checkout Counter Capability



2,100 times/sec flying scanning speed

The omnidirectional reading 2,100 scans per second provides the market's fastest decoding rate and motion tolerance.



Exclusive anti-reflection technology

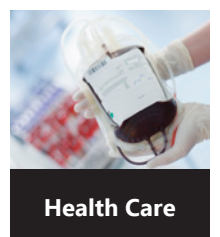
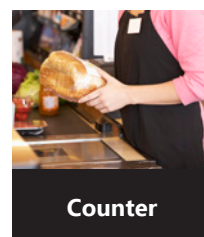
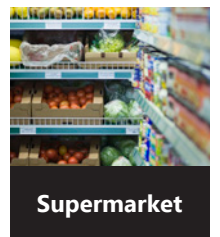
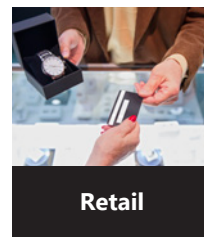
With exclusive technology, it can remove any reflection interference from the LCD display.



Easy to scan the mobile phone screen

Support all type of electronic device, such as mobile phone, tablet and LCD display.

Applications



General Specifications

| Optical Characteristics | | AP-9800 | |
|-----------------------------|---|------------|------------|
| Photo Sensor | CMOS Sensor | | |
| Sensor Resolution | SXGA-W (1280*1024 pixels, 5:4) | | |
| Light Source | High Brightness, Infrared LED | | |
| Physical Characteristics | | | |
| Dimensions | 140mm*120mm*170mm | | |
| Weight | 465g without cable | | |
| Interface Supported | USB2.0, USB Virtual Com port | | |
| Symbology Decode Capability | | | |
| 1-D Symbologies | EAN-8, EAN-13, UPC-A, UPC-E, Code 39, Code 93, Code 28, EAN-128, Codebar, industrial 2 of 5, Interleave 2 of 5, Industrial 2 of 5, MSI, postal code | | |
| 2-D Symbologies | PDF417, MICRO PDF417, Datamatrix, QR, Maxicode, Aztec Code | | |
| Resolution | 3 mils, Code 39 (PCS=0.9) | | |
| Print Contrast | Min. 20% | | |
| Scan Speed | 2,100 times/sec | | |
| Scan Angle | Horizontal : 72° Vertical : 82° | | |
| User Environment | | | |
| Operation Temperature | 0°C to 55°C (32°F to 131°F) | | |
| Storage Temperature | -20°C to 60°C (-4°F to 140°F) | | |
| Humidity | 5% to 95% related humidity, non-condensing | | |
| Drop Specifications | Withstands multiple 2M drops to concrete | | |
| Contaminants | Seals to resist airborne particulate contaminants (IP54) | | |
| Light Level | Up to 100,000 LUX | | |
| Electrical Characteristics | | | |
| Input Voltage | 5V+0.25V | | |
| Operation Current | 760 mA | | |
| Operation Power | 3.8W | | |
| Safety Standard | EN60950-1 | | |
| EMC | EN55022, EN55024 | | |
| Reading Performance | | | |
| Depth of Field | Testing Code | DOF (Min.) | DOF (Max.) |
| | 3mil Code39 | 90mm | 110mm |
| | 4.3mil DM | 90mm | 125mm |
| | 5mil DM | 90mm | 135mm |
| | 6mil DM | 78mm | 135mm |
| | 7mil Code39 | 50mm | 190mm |
| | 10mil DM | 38mm | 195mm |
| | 20mil DM | 38mm | 270mm |

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