



Product Values



AS-8310

AS-8310



The AS-8310 Long Range Imager delivers rapid scans, superior accuracy, and extra durability. An advanced, high performance long-range scanner, the AS-8310 offers a fast, accurate and cost-effective alternative to laser barcode scanners. A durable rubber overmolding protects the AS-8310 in harsh environments, and the optional hands-free caddy is ideal for retail applications. Providing exceptional quality and performance, the AS-8310 is perfect for a wide variety of applications, including business and professional offices, warehouses, healthcare facilities, laboratories, shipping & receiving, and retail outlets.

AS 8310

Accessories



> AS-8310/AS-8312 stand

| Specifications | AS- 8310 | AS- 8312 |
|------------------------------|---|---|
| Light source | 630 nm visible red LED | 630 nm visible red LED |
| Optical system | 2048 pixel CCD (charge-coupled device) | 2048 pixel CCD (charge-coupled device) |
| Depth of scan field | Up to 600mm (code 39, PSC=90%, 20mils) | Up to 600mm (code 39, PSC=90%,20mils) |
| Scanning width | 160 mm | 160 mm |
| Scan speed | 450 scans/sec | 450 scans/sec |
| Current - sleep mode | 60 mA @ 5VDC | 60 mA @ 5VDC |
| Resolution | 0.1mm(4mils) - Code 39, PCS=90 %, on contact | 0.1mm(4mils) - Code 39, PCS=90 %, on contact |
| Print contrast | 30% or more | 30% or more |
| Scanning angle | Front: 60° ,Rear: 60° ,Yaw: 75° | Front: 60° ,Rear: 60° ,Yaw: 75° |
| Decode capability | Auto discriminates all standard one-dimension barcodes; including GS1 databar | Auto discriminates all standard one-dimension barcodes; other symbologies can be ordered optionally(2D Symbology for AS-8312) |
| Cable - universal type | Coiled 2.5 m | Coiled 2.5 m |
| Beeper operation | 7 tones or no beep | 7 tones or no beep |
| Indicator | Green & Red LED | Green & Red LED |
| Length | 164 mm | 164 mm |
| Cushion material | Double injection | Double injection |
| Width-handle | 30 mm | 30 mm |
| Width-head | 78 mm | 78 mm |
| Depth-handle | 56 mm | 56 mm |
| Depth-head | 35 mm | 35 mm |
| Weight | 176 g (cable not included) | 176 g (cable not included) |
| Cable - K/B wedge | Coiled 2.5 m | Coiled 2.5 m |
| Connector type | RJ-45 phone jack connector | RJ-45 phone jack connector |
| Case material | ABS (over molded at contact pointed) | ABS (over molded at contact pointed) |
| Shock resistance | 0°C to 50°C (32°F to 122°F) | 0°C to 50°C (32°F to 122°F) |
| Input voltage | 5 VDC ± 0.25V | 5 VDC ± 0.25V |
| Power - operating | 800 mW | 800 mW |
| Power - standby | 350 mW | 350 mW |
| Current - operating | 160 mA @ 5 VDC | 160 mA @ 5 VDC |
| Current - standby | 70 mA @ 5 VDC | 70 mA @ 5 VDC |
| DC transformers | Class 2; 5VDC @ 450 mA | Class 2; 5VDC @ 450 mA |
| Storage | -20°C to 70°C (-4°F to 158°F) | -20°C to 70°C (-4°F to 158°F) |
| Humidity | 5% to 90% relative humidity, non-condensing | 5% to 90% relative humidity, non-condensing |
| Light level | Up to 70000 Lux | Up to 70000 Lux |
| Shock | 1.5m drop onto concrete | 1.5m drop onto concrete |
| Programming method | Manual (reading special barcode) DOS command through RS-232, Windows configuration program | Manual (reading special barcode) DOS command through RS-232, Windows configuration program |
| Contaminants | Sealed to resist airborne particulate contaminants | Sealed to resist airborne particulate contaminants |
| Program upgrade | Enabled by build-in flash memory | Enabled by build-in flash memory |
| EMC |  |  |
| Programmable characteristics | Code type selection, check digit selection Decoding option Transmitted character delay, Header selection, trailer selection, message suffix, good read beep tone and volume, scanner trigger selection Keyboard emulation type (intermessage delay, keyboard type and keyboard language).Serial interface type (ACK/NAK, Xon/Xoff, RTS/CTS, good read LED control, start/stop bits) | |