

AW-S7 Desktop Barcode Scanner



Performance Parameter

Light Source	LED Red light (Germany)		
Image sensor	640*480 pixels		
Resolution(maximum)	0.1mm		
Print contrast ratio(minimum)	≥ 15%		
Motion tolerance	2M/sec		
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 StackedOmnidirectional; GS1 DataBarComposite; MicroPDF417; PDF417.		
Reading Indicators	LED light&Buzzer(adjustable tone and volume)		
Typical depth of Filed	Precision	Barcode	Barcode Depth of Filed
	5mil	CODE128	1mm—80mm
	5mil	EAN-13	1mm—80mm
	13.34mil	EAN-13	5mm—245mm
	5mil	PDF417	5mm—70mm
	10mil	PDF417	5mm—180mm
	15mil	PDF417	10mm—280mm
	20mil	DM code	5mm—80mm
(The minimum depth of field is determined by the barcode length and scanning angle. It depends on the print resolution, contrast and ambient light.)			

Physical characteristics

Color available	Black&White
Dimensions (L*W*H)	90*95*150mm
Weight	384g
Cable	1.8m

Electrical Parameter

Current	Working current (Standard): < 300 mA Standby current (Standard):< 210 mA
Input Voltage	5 VDC (+/- 10%)/500mA

Environmental Parameter

ESD protection(Air discharge)	8 kV
Drop resistance	Withstands repeated drops from 1.2m/4.0 ft onto a concrete surface.
Particulate and water sealing	IP52
Temperature	Operation: 0 to 40 °C
	Storage/Transport: -40 to 70 °C
Humidity(non-condensing)	5 - 95%
Ambient light	0 -100,000 lux

Interfaces

Interfaces	RS-232; USB HID; USB COM;HID POS available as per customer's needs
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Warranty

Warranty	18/months
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