

# AS-9200



The most cost-effective scanning solution



## Fast 1D/2D barcode reading

AS-9200 is the ideal 1D/2D barcode scanner for high speed processing applications.



## Special USB cable design, easily to replace

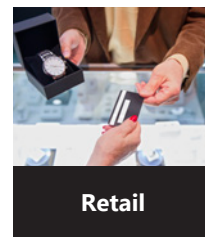
With tool-free USB cable release design, AS-9200 provides long service life and ease of maintenance.



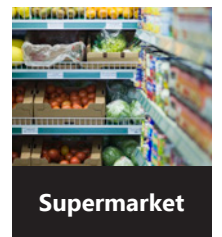
## Up to 3mil reading capacity

High density resolution that can capture the code on 3mil barcode such as jewelry tag.

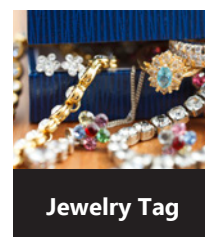
## Applications



Retail



Supermarket



Jewelry Tag



Manufacturing

## General Specifications

Optical Characteristics		AS-9200	
Sensor Resolution		960*640	
Sensor Type		CMOS	
Light Source		White LED	
Sighting Device		Red LED, 617nm	
Physical Characteristics			
Dimensions		97mm*68mm*170mm	
Weight		146g/pc without cable	
Interface Supported		USB	
Symbology Decode Capability			
1-D Symbologies		UPC/EAN (UPCA/UPCE/EAN-8/EAN-13), Code39, Code 93, Code 128, EAN128, Codabar/NW7, Industrial 2 of 5, Interleave 2 of 5, Matrix 2 of 5, MSI, Postal code	
2-D Symbologies		PDF417, DataMatrix, QR code	
Resolution		1D (3mils): Code 39 2D (9mils): QR	
Print Contrast		Min. 30%	
Motion Tolerance		100mm/sec 13mil UPC	
User Environment			
Operation Temperature		0°C to 40°C (32°F to 104°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 1.5M drops to concrete	
Contaminants		Seals to resist airborne particulate contaminants (IP42)	
Light Level		Up to 100,000 LUX	
Electrical Characteristics			
Input Voltage		4~5.5VDC	
Operation Current		400 mA@5V-typical value	
Operation Power		2W	
Standby Current		90mA@5V-typical value	
Standby Power		0.45W	
Safety Standard		EN60950-1	
EMC		EN55022, EN55024	
LED Safety Certificate		IEC 62471	
Reading Performance			
Depth of Field	Testing Code	DOF (Min.)	DOF (Max.)
	5mil Code39	33mm (1.3in)	95mm (3.7in)
	13mil UPC-A	32mm (1.3in)	255mm (10in)
	20mil Code39	35mm (1.4in)	355mm (14in)
	6.7mil PDF417	30mm (1.2in)	95mm (3.7in)
	10mil DM	30mm (1.2in)	100mm (3.9in)
	15mil DM	21mm (0.8in)	162mm (6.4in)
	20mil QR	23mm (0.9in)	200mm (7.9in)

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