

AS-8050



An excellent scanner for general purpose



Fast 1D barcode reading

New technology and powerful scan engine with excellent performance highly increase the reading speed.



Up to 3mil reading capacity

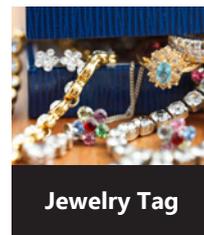
High density resolution that can capture the code on 3mil barcode such as jewelry tag.



Easy to read screen barcodes

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

Applications



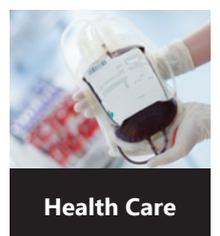
Jewelry Tag



Manufacturing



Transportation
& Logistics



Health Care

General Specifications

Optical Characteristics		AS-8050	
Photo Sensor	CCD Linear Sensor		
Sensor Resolution	2500 pixels		
Light Source	632nm red LED		
Physical Characteristics			
Dimensions	97mm*67mm*165mm		
Weight	172.3g without cable		
Interface Supported	USB HID, USB V-Com		
Symbology Decode Capability			
1-D Symbologies	EAN-8, EAN-13, UPC-A, UPC-E, CODABAR (NW7), Code 39, Code 93, INTERLEAVED 2 of 5, STANDARD 2 of 5, MATRIX 2 of 5, Code 128, EAN/UCC 128, Code 11, Chinese post		
Resolution	3 mils, Code 39 (PCS=0.9)		
Print Contrast	Min. 25%, UPCA/EAN 13 (13mil)		
Scan Speed	350±50 scan/sec		
Scan Angle	Pitch angle: ±30°, Skew angle: ±70°, Tilt angle: ±45°		
User Environment			
Operation Temperature	-10°C to 50°C (14°F to 122°F)		
Storage Temperature	-30°C to 70°C (-22°F to 158°F)		
Humidity	5% to 95% related humidity, non-condensing		
Drop Specifications	Withstands multiple 1.3M drops to concrete		
Contaminants	Seals to resist airborne particulate contaminants (IP42)		
Light Level	Up to 80,000 LUX		
Electrical Characteristics			
Input Voltage	DV5V±10%		
Operation Current	120mA@5V-typical value		
Operation Power	600mW		
Safety Standard	EN60950-1		
EMC	EN55022, EN55024		
Reading Performance			
Depth of Field	Testing Code	DOF (Min.)	DOF (Max.)
	3mil Code39	35mm	100mm
	5mil Code39	30mm	115mm
	12mil Code39	35mm	210mm
	13mil Code39	68mm	280mm
	13mil EAN13	48mm	270mm
	34mil Code39	190mm	700mm

*This data sheet is for informational purpose only. Argox makes no warranties, expressed or implied in this summary. Specifications are subject to change without notice. All trade marks are the property of their respective owners. For more specific information, please refer to owner's manual.

