

AW-3090 Laser Omni Scanner



Performance

Light source	650nm visual laser diode															
Sensor	Omnidirectional multilines (5 directions and 4 parallel lines in each direction)															
Scan Speed	1120scan/s															
Print contrast	$\geq 25\%$															
Error rate	1/50000															
Scan Angle	Roll $\pm 360^\circ$, Skew $\pm 60^\circ$, Pitch $\pm 70^\circ$															
Symbologies	EAN-8、EAN-13、EAN-13 2 add-on、EAN-13 5 add-on、ISSN、ISBN、UPC-A、UPC-E、Code 39、Code93、Code 128、Codabar、Interleaved 2 of 5															
Depth of field	<table><thead><tr><th>Tested Code</th><th>MIN</th><th>MAX</th></tr></thead><tbody><tr><td>5 mil Code 39</td><td>1cm</td><td>5cm</td></tr><tr><td>6.6 mil Code 39</td><td>1cm</td><td>11cm</td></tr><tr><td>10 mil Code 39</td><td>1cm</td><td>15cm</td></tr><tr><td>13 mil UPC</td><td>1cm</td><td>18cm</td></tr></tbody></table>	Tested Code	MIN	MAX	5 mil Code 39	1cm	5cm	6.6 mil Code 39	1cm	11cm	10 mil Code 39	1cm	15cm	13 mil UPC	1cm	18cm
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	5 mil Code 39	1cm	5cm													
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13 mil UPC	1cm	18cm														
OS	Linux, Windows XP、7、8、10															
Resolution	4.0mil															
Scan Mode	Automatic / Continuous scanning															
Keyboard	American, German, French, Japanese, Italian, Belgian, Dutch															
Secondary development	Not support															
Barcode output editing	Before and after barcode data can be deleted (up to 4 bits)															
Indicator light	Red and blue light prompt: red light prompt power on, blue light prompt decoding successfully															
Buzzer	Startup prompt, successful scan prompt															
Button	Key wake up															

Environmental

Drop	Withstand 5 drops from 1.5 meters
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Sealing	IP54
Storage Temperature	-20-60°C
Operating Temperature	-10-50°C
Storage Humidity	5-95% Non condensing
Operating Humidity	5-95% Non condensing
Ambient Light	0-70000LUX

Physical

Net Weight	388g		
Packing weight	688g		
Cable Length	USB/RS232:180CM(±3CM)		
Dimension (L*W*H)	115mm*114mm*152mm		
Packing (L*W*H)	236mm*165mm*133mm		
Interface	KB,USB,serial port		
Voltage	5V		
USB	Standby power 155mA/0.775W	Serial port	Standby power 154mA/0.77W
	Operating Power 155mA/0.775W		Operating Power 154mA/0.77W
	Max Power 191mA/0.955W		Max Power 192mA/0.96W
Laser rating standard	It conforms to the safety standard of national level 2 laser		
Certification	CE & FCC DOC compliance		