

XL2021 Omnidirectional Barcode Scanner

- Depth of Field: 0-220mm
- 20 laser scan lines in 5 directions
- Supporting the RS232, PS2 and USB interface
- 1500 times/second on omni-directional scan mode
- Minimum resolution: 5 mil (can be adjusted to 4mil)
- Supports both omni-directional and single-line scan
- CPU: 32 bit ARM microprocessor, super decoding ability
- Reliable safety design with CE, EMC, RoHS, Class 1 laser safety



PERFORMANCE		ENVIRONMENTS	
Light Source	650nm visible laser diode	Operate Temperature	0°C to 40°C (32°F to 104°F)
Scan Pattern	20 lines Omni-directional: 5 directions of scan field	Storage Temperature	-20°C to 60°C (-4°F to 140°F)
Scan Speed	1500 scans per second & 75 scans per second	Humidity	5% to 95% (no dewing allowed)
Depth of Field	0-220mm (UPC/EAN 100%, PCS=90%)	Light Level	0 to 4,000 Lux (fluorescence), 0 to 100,000 Lux (daylight)
Print Contrast	30%@UPC/EAN 100%	REGULATORY	
Minimum Resolution	5mil@PCS=90% (can be adjusted to 4mil)	EMC	CE EN55022 B, FCC Part 15 Class B, VCCI, BSMI
Visual Indicator	Two-color LED (blue, red)	Laser Class	CDRH Class IIa; IEC 60825-1; Class 1
Beeper Operation	Programmable tone & volume	DECODING CAPABILITY	
System Interface	USB, PS/2, RS232	1D Barcode	UPC/EAN/JAN, UPC-A & UPC-E, EAN-8 & EAN-13, JAN-8 & JAN-13, ISBN/ISSN, Code 39 (with full ASCII), Codabar (NW7), Code 128 & EAN 128, Code 93, Interleaved 2 of 5 (ITF), Addendum 2 of 5, IATA Code, MSI/Plessey, China Postal Code, Code 32 (Italian Pharmacode), RSS 14, RSS Limited, RSS Expanded
PHYSICAL PARAMETER			
Dimension	L x W x H: 104mm x 91mm x 156mm		
Weight	350g		
Cable	Standard 2M straight		
ELECTRICALS			
Power Consumption	1.0watts		
Input Voltage	5VDC±10%		
Operating Current	270mA (typical); 350mA (peak)		

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