

Omni direction scanner **MS - 8120**



Patented sensing software decoding technology, greatly improves the first - pass rate.

- * 20 lines: Mesh omni directional scanning is reasonable and compact, first read rate high, performance excellence.
- * The NEC 72m frequency chip: High speed decoding, fluency cashier;
- * Optical devices using the gold plating process: Reading performance lasting attenuation, special anti fogging treatment;
- * 45 degree adjustable: Flexible cashier, cashier work to reduce fatigue;

* Electronic materials used military rank: Stable performance, long life.

* Kinds of Customized Available. For example: 1, Scanner work Controlled by Host

command. 2, Software and Scanner binding Available (Design for customized scanner).



PERFORMANCE PARAMETERS	
Scan Pattern	Omnidirectional: 5 field of 4 parallel lines
Scan Speed	Omnidirectional : 1800 scan lines per second
Print Contrast	33% minimum reflectance difference
Scanning Angle	Horizontal : 72° Vertical : 82°
Decode Capability	EAN-8, EAN-13, UPC-A, UPC-E, Code 39, Code 93, Code 128, EAN 128, Codabar, Code 25 non-interleaved, Code 25 interleaved , Matrix 2 of 5, MSI, PostBar, etc

Light Source	Wavelength: 650±8nm red laser
Optical Coating Technique	Gold-Plated
Optical Technique Level	V-V1 (Aerial Cameras)
Host System Interface	USB2.0, PS/2,RS232, USB Virtual RS232 RJ45(Can be Customized) & Second Development
LED Indicator	Buzzer and bi-color light(Red-power, Blue-decoding Successfully)
ENVIRNMENTAL PARAMETERS	
Drop	Design to withstand 1.2M drops to concrete
Environmental Sealing	IP54
Operating Temperature	0degrees to 40 degrees
Storage Temperature	-40degrees to 60 degrees
Temperature Humidity	5% to 95% Relative humidity, Non-condensing
Storage Humidity	5% to 95% Relative humidity, Non-condensing
Light Levels	450 foot-candles
PHYSICAL PARAMATERS	
Weight (pcs)	N.W: 468g/pcs G.W:780g/pcs
Dimensions(L*W*H)	Host: 115.8mm×117mm×154.3mm Package:248mm×165mm×132mm
ELECTRICAL PARAMETERS	
Input Voltage	5V
Operating Power	85mA

Standby Power	36mA
Laser Grade Standard	China national laser safety standards level II
EMC	CE& FCC DOC Compliance

ADJUSTED VIEW ANGEL



USB CONNECTOR

