

1305 Linear Image Scanner Module



CipherLab have developed a new range of scanners targeted at industrial and heavy-duty general applications. This scanner features new optics, a high performance CPU improved decoding algorithms, giving a laser-like scanning range, a bright and sharp aiming scan line and an ergonomic design. The new optics have given this scanner series a new method of looking at and scanning barcodes that is far superior than many of today's scanners. The new scanner also incorporates a self-tuning exposure control system, which basically means that the software will compensate for most conditions especially those related to target barcode illumination and ambient lighting. It will detect and correct the timing of the decoding ensuring that the light intensity does not adversely affect the performance. This guarantees consistent scanning results in all lighting conditions included those due to LED aging effects, providing consistent scanning for years to come in highly demanding critical applications.

Specifications

Electrical

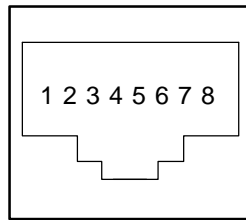
Voltage	+5V +2.4V to 14.5V (Optional)
Power Consumption	
Operation	< 250 mA
Standby	< 125 mA
Light Source	630nm Visible red LED
Scan Rate	270 scans per second
Skew / Pitch Angles	$\pm 30^\circ \pm 15^\circ$
PCS (Min)	0.45

Environmental

Temperature (operating)	0°C~40°C
Temperature (storage)	0°C~50°C
Humidity (operating)	10%~90%(non-condensing)
Humidity (storage)	5%~95%(non-condensing)
Weight	250g

Physical

Interface Type	RS232, RJ45-8W
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1. VCC
2. GND
3. NC
4. RTS
5. CTS
6. RxD
7. TxD
8. Trigger

Symbology Supported

Code 39/Full ASCII, Codabar, Pharma Code, Industrial 2 of 5, Interleave 2 of 5, Matrix 2 of 5, Code 93, Code 128, EAN 128, MSI, EAN8, EAN8 with ADDON2, EAN8 with ADDON5, Plessey

Feature

Programmable Feature

Code ID, Prefix Code, Postfix Code, Length Code, Barcode type. Buzzer volume and frequency, ISBN/ISSN/CLSI/UK Plessey conversion, keyboard layout, Inter-character delay, Scanning mode, Language type, Time out, Baud rate, Data bit, Transmission mode, Character replacement

Data Editing Mode

Three editing formats are supported