

Performance Characteristics

Light Source:	Visible Laser Diode 650 nm
Scan Rate:	35 (\pm 5) scans/sec (bi-directional)
Scan Angle:	42° (typical), 30° (narrow)
Scan Patterns:	Linear
Minimum Print Contrast:	Minimum 25% absolute dark/light reflectance measured at 650 nm
Symbologies:	UPC/EAN, Code 128, UCC.EAN128, RSS, Code 39, Code 93, Interleaved 2 of 5, Discrete 2 of 5, Codabar, MSI.
Programmable Parameters:	Laser On Time, Aim Duration, Power Mode, Trigger Mode, Bi-directional Redundancy, Symbology types/lengths, Data formatting, Serial Parameters, Beeper Tone, Scan Angle
Interfaces:	12 position ZIF connector. Symbol Standard SSI Interface with logic level serial data communications plus trigger, beeper, and decode LED signals

User Environment

Ambient Light:	Artificial: 450 ft. candles (4,844 Lux) Sunlight: 8,000 ft. candles (86,112 Lux)
Operating Temperature:	-22° to 140°F (-30° to 60°C) chassis temperature
Storage Temperature:	-40° to 158°F (-40° to 70°C)
Humidity:	5% to 95% non-condensing
Power:	SE 1224HP-I000A: 5 VDC SE 1224HP-I001A: 3.3 VDC Input Current: 140 mA typical Standby Current: 60 μ A
Shock:	2,000 G

Regulatory

Laser Classification:	Intended for use in CDRH /IEC 825 Class II devices
Electrical Safety:	UL, VDE, and CUL recognized component laser