

Athesi S4500

Flexible Omni-Directional Laser Scanner



High scan rate with 2000 scan/sec and 24 scan lines
Reading all 1D standard barcodes, incl. GS1 Databar sets
Auto-sense function saves power for improve life time
Multi-interface solution for the most popular interfaces
Wallmount hanging for easy installation
Lightweight and ergonomic design

Physical Characteristics

- Depth: 90mm / 3.54inch
- Width: 70 mm / 2.75inch
- Height: 140 mm / 5.51inch
- Weight: 395g
- Color: Black

Electrical

- DC input to scanner: +5V DC, 250mA
- Power output: 1.25Watt max @ +5V DC

Interfaces

- RS232 / KBW /
- USB(HID and COM port emulation)
- Power USB(Optional)

Scanner Characteristics

- Light source: 650 nm visible laser diode
- Depth of field: up to 300 mm(EAN) @0.33mm / 13mil,
90% PCS (Performance may be impacted by bar code
quality and environmental conditions)
- Scan pattern 6 direction scan fields, 24 lines scan pattern
- Scan rate: 2000 scans/sec
- Light level: Max 4800 LUX
- Barcode types: All standard 1D barcodes include GS1
databar family, Omnidirectional, Stacked Omnidirectional,
Expanded, Expanded Stacked, Truncated and Limited

Environmental

- Operating Temp: 0°C -40°C(32°F~104°F)
- Storage Temp : 20°C ~ 60°(-4.6°F~140°F)
- Humidity/ 5% ~ 95% RH (non-condensing dew)

Safety

- Laser Safety: IEC 825-1 (1993) Class I, U.S
CDRH: 21CFR1040 Class II a
- Electrical Safety: EN 60950 second edition

Rugged Feature

- EN 55022: ClassB, 2001 + A1:2007
- EN 55024: 1998 + A1: 2001 + A2: 2003
- EN 61000-3-2: 2006
- EN 61000-3-3: 1995 + A1: 2100 + A2: 2005