



## SCANTEAM® 6400 Series Bar Code Badge Reader

The SCANTEAM® 6400 series of bar code badge readers from Hand Held Products is designed for reading bar codes on cards, tickets, badges and other items which can be passed through a slot.

Hand Held Products' SCANTEAM® 6400 Bar Code Badge Reader serves both indoor and outdoor applications from security access to time and attendance.

### *Features & Benefits*

#### **Patented User Adjustable Slot Height and Cord Exit**

*Permits custom configuration for your application.*

#### **Choice of Mounting Options**

*Flexibility in temporary or permanent mounting.*

#### **Patented Choice of Illumination**

*Meets requirements for a wide range of printing inks and substrates.*

#### **Slit Aperature**

*Multi resolution scanning for low to high density bar codes.*

#### **Sealed Versions Available**

*Suitable for indoor or outdoor operation.*

## Performance

<b>Output Format:</b>	TTL Open Collector
<b>Aperture:</b>	3 x 40 mil (0.08 x 1.0 mm) Slit
<b>Illumination Source:</b>	660nm Visible Red LED 880nm Infrared LED Dual LED Illumination Patented
<b>Minimum Reflectance Difference (MRD):</b>	37.5%
<b>Scan Speed:</b>	10-120 in./sec. (25-305 cm/sec.)
<b>Laminate Thickness:</b>	0.015 in. (.04 cm) Maximum, with index of refraction < 1.55
<b>Card Thickness:</b>	0.075in. (.19cm) Maximum
<b>Read Direction:</b>	Bi-directional
<b>Optical Center Line:</b>	Patented user selectable at 0.450, 0.650 and 0.83 in. (1.14, 1.65, 2.10 cm)

## Mechanical/Electrical

### Dimensions

<b>Weight:</b>	8.5 oz. (240g)
<b>Length:</b>	5.6 x 2.0 in. (14.3 x 5.1 cm)
<b>Height:</b>	1.9 in. (4.8 cm) Maximum
<b>Housing:</b>	Xenoy®, a G.E Thermoplastic, stainless steel wear plate

### Power Requirements

<b>Operating Voltage:</b>	4.1 to 15 VDC (>5.5 VDC requires Open Collector option)
<b>Operating Current:</b>	<75mA Maximum

### Electrical

<b>Connections:</b>	Shield-Cord Shield Red - +5V Black-Digital Output White-Common Blue-Enable
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<b>Connectors:</b>	9 pin squeeze-to-release
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<b>Cord:</b>	4 ft. (1.2m) straight standard cord. Longer length coil cords available
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<b>Mounting Options:</b>	Backside mounting, velcro-pad mounting, straight through mounting
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## Environmental

### Temperature

<b>Operating:</b>	Unsealed: 32°F to 113°F (0°C to 45°C) Sealed: -40°F to 140°F (-40°C to 60°C)
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<b>Storage:</b>	-40°F to 158°F (-40°C to 70°C)
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<b>Humidity:</b>	Unsealed: 95% Maximum non-condensing Sealed: 100% Maximum non-condensing
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<b>Ambient Illumination:</b>	100,000 lux maximum
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<b>Shock:</b>	Functions normally after eight 3 ft. drops onto a concrete surface
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<b>Agency Approval:</b>	NEMA 3, IP-54 (sealed version)
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## Worldwide Offices

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