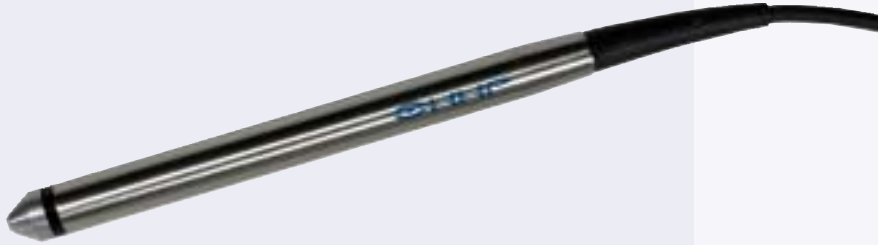


## **SCANTEAM® 6100**

### *Contact Bar Code Scanners*



#### **Features**

*Lightweight, Easy to Hold - Extended use without operator fatigue*

*Large Depth of Field - Excellent reading at large tilt angles and through laminates*

*Rugged Construction - Durable under the most demanding applications*

*Visible Red Illumination - Meets requirements for a wide range of bar code labels*

*Strong, Flexible Cord - Durable cord that does not interfere with scanning*

The SCANTEAM® 6100 Series contact bar code scanner is available with Visible Red illumination, optics and housings.

For applications from office automation to shop floor data collection, the SCANTEAM Series wand scanners are the most reliable, cost effective solution to bar code data collection.



# SCANTEAM® 6100 Specifications

## Performance

<b>Output:</b>	Black high; TTL open collector
<b>Aperature:</b>	6 mil, 8 mil
<b>Light Source:</b>	660nm Visible Red LED
<b>Tilt Angle:</b>	0°-35° typical
<b>Depth Of Field:</b>	0.065 in. (1.6mm)
<b>Scan Speed:</b>	2-50 in./sec. (5-127 cm/sec)
<b>Minimum Reflectance Difference (MRD):</b>	37%

## Mechanical/Electrical

### Dimensions

<b>Weight:</b>	3.53 oz. (0.1kg) with standard 6 ft. (1.8m) coiled cord
<b>Length:</b>	7.5 in. (19.1cm)
<b>Diameter:</b>	0.50 in. (1.3cm)-metal
<b>Scanner Tip:</b>	Field replaceable sapphire tip

## Power Requirements

<b>Operating Voltage:</b>	4.5 to 6.0 VDC; up to 100mV peak to peak max
<b>Operating Current:</b>	35mA typical; optional 16mA typical
<b>Electrical Connections:</b>	Red Wire - ±5VDC White Wire-Common Braid - Shield (EMI/RFI) Black Wire - Digital Signal Output
<b>Connector:</b>	9 pin D squeeze-to-release standard; other terminations available
<b>Cord:</b>	Standard 6 ft. coil cord (1.8m). Longer length coil cords available

## Environmental

<b>Operating:</b>	-4°F to 122°F (-20°C to 50°C)
<b>Storage:</b>	-40°F to 158°F (-40°C to 70°C)
<b>Humidity:</b>	95% Maximum non-condensing
<b>Mechanical Shock:</b>	Functions normally after fifty 3 foot drops onto a concrete surface

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