



SCANTEAM[®] 6500/6610 Series Fixed Mount Stationary Beam Bar Code Scanners

Hand Held Products' SCANTEAM[®] 6500 and SCANTEAM[®] 6610 are fixed mount, stationary beam, non-contact digital bar code scanners, designed for integration into instrumentation where the relative motion of the bar code is provided by the operator or a mechanized system.

The SCANTEAM[®] 6500 and 6610 were designed to address the present and future bar code scanning requirements of original equipment manufacturer's products. Their flexibility is ideal for applications requiring bar code scanning in medical equipment, clinical and analytical chemistry instrumentation, robotic systems, image management products, industrial automation equipment, test and measurement apparatus, office equipment, data collection and computer terminals, and materials handling equipment.

Features & Benefits

Two Non-Contact Scanner Products with Different Geometries and Dimensions

Flexibility to meet various application mounting requirements.

Visible Red or Infrared LED

Accommodate a variety of printing inks and substrates.

Each Is A Compact Design of Optics and Electronics

Total scanning solutions for applications where mounting space is limited.

Choice of Scanning Apertures

Provision to match the optimum aperture to the bar code density and quality.

No Moving Parts and Solid State Technology

Excellent reliability.

SCANTEAM® 6500/6610 Series

Performance

	6500	6610
Illumination Source:	660nm	660nm or 880nm LED
Scanner Type:	Fixed mount, stationary beam	Fixed mount, stationary beam
Scan Velocity:	3-30 in./sec. (7.6-76 cm/sec) ¹	3-30 in./sec. (7.6-76 cm/sec) ²
Aperture Options:	6 x 20 mil diamond (.152 x .508mm) 10 x 37 mil diamond (.254 x .939mm)	3 x 40 mil rectangle (.076 x 1.020mm) 10 x 37 mil diamond (.254 x .939mm)
Nominal Focus³:	.50 in. (1.27cm) ⁴	.39 in. (9.9mm)
Depth of Field:	.20 in. (5mm)	.18 in. (4.6mm)
Alignment:	Tilt ±10°	Tilt ±10°

¹ 6 x 20 mil diamond aperture on 7 mil code
² 3 x 40 mil aperture on 7 mil code
³ Measured from the front of the scanner housing
⁴ 1.00 in (2.54cm) available with a 10 x 37 aperture

Mechanical/Electrical

Dimensions

Weight:	3.6 oz. (100g)	3.0 oz. (84g)
Length:	2.95 in. (7.49cm)	2.68 in. (6.8cm)
Width:	1.53 in (3.89cm)	1.10 in. (2.79cm)
Height:	.78 in (1.98cm)	.67 in. (1.70 cm)
Housing Material:	Black Ultem 1000 (plastic)	Black molded ABS

COMPATIBILITY

The SCANTEAM 6500 and 6610 digital scanners are compatible with all Hand Held Products decoder products.

Power Requirements

Supply Voltage:	4.5 - 5.5 VDC (100mV ripple and noise max)	4.5 - 6.0 VDC (100mV ripple and noise max)
Current Draw:	45mA typ, 65mA max	45mA typ, 65mA max
Cable:	6 ft. straight	4 ft. straight
Wire Code:	Red: +5VDC Black: Digital output White: Common Shield: Cord and case shield	Red: +5VDC Black: Digital output White: Common Shield: Cord and case shield
Digital Output:	TTL Open Collector (White is low)	TTL Compatible or TTL Open Collector (White is low)

Environmental

Operating:	-4°F to 122°F (-20°C to 50°C)	-4°F to 122°F (-20°C to 50°C)
Storage:	-40°F to 158°F (-40°C to 70°C)	-40°F to 158°F (-40°C to 70°C)
Humidity:	0-95% non-condensing	0-95% non-condensing
Altitude:	Sea level to 15,000 ft. (4574m)	Sea level to 15,000 ft. (4574m)
Ambient Illumination (On Bar Code):	Fluorescent: 3000 lux Incandescent: 1500 lux	Fluorescent: 3000 lux Incandescent: 1500 lux
Protection Class:	NEMA 1	NEMA 1
MTBF		
Ground Mobile:	22,000 hrs.	22,000 hrs.
Ground Benign:	220,000 hrs.	220,000 hrs.

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