



SCANTEAM[®] 6180

Instant Interface Series

Bar Code Wand Reader/Decoder

The SCANTEAM[®] 6180 is Hand Held Products' bar code wand reader/decoder that simplifies scanning and decoding by combining both functions into its standard wand housing.

Hand Held Products' SCANTEAM[®] 6180 is an economical, compact solution for any bar code data collection application that provides an RS-232 port.

Features & Benefits

Outputs Decoded Bar Code Data in Serial ASCII Format

Serial Communication; TTL (0 and +5VDC)

Decoder Contained in the Standard Wand Housing

No external decoder required

Programmable From Host or Bar Code Menu

Easy to program

AutoDiscriminates 10 Bar Code Symbologies

Suitable for a variety of bar code reading applications

Wand Emulation Converts to Code 3 of 9 Digital Output

Upgrades a system that decodes Code 39 to decode 10 additional symbologies

External Power Supply or Battery Pack Available

Option for serial port without external power options offered for customer convenience

Performance

Input/Output: Output Format: TTL RS-232
Input Format: Accepts TTL or True (± 12 VDC)
RS-232 interchangeable

Good Read Indicator: Audible

Aperture: 6 mil, 8 mil

Light Source: 660nm Visible red LED

Tilt Angle: 0°-35° typical

Depth of Field: 0.065 in. (1.6mm)

Minimum Reflectance Difference (MRD): 37%

Scan Speed: 2-50 in./sec. (5-127cm/sec.)

Programmable Features

Programmable features that are stored in non-volatile memory include data format, communications protocol, input/output parameters and autodiscrimination among the following symbologies:

Code 39	EAN/JAN
Interleaved 2 of 5	Code 128
Code 2 of 5	Code 93
UPC-E/A	Code 11
MSI	Codabar

Mechanical/Electrical**Dimensions**

Weight: 3.6 oz. (102g) with 6 foot (1.8m) coiled cord

Length: 7.5 in. (19.1cm) includes strain relief

Diameter: 0.50 in. (1.3cm)

Scanner Housing: Metal

Scanner Tip: Field replaceable sapphire tip

Power Requirements

Operating Voltage: 4.5 to 5.5VDC: up to 100mV peak to peak noise

Operating Current: Active (scanning) = 19mA typical
Low power mode (not scanning) = 3-4 mA typical

Electrical

Connections: +5VDC
Ground
Receive Data
Transmit Data

Connector: 9 pin D shell standard; other terminations available

Beeper: Located in scanner housing

Cord: Standard 6 foot coil cord (1.8m).

Environmental

Temperature Operating: -4°F to 122°F (-20°C to 50°C)

Storage: -40°F to 158°F (-40°C to 70°C)

Humidity: 95% maximum non-condensing

Shock: Functions normally after fifty 3 foot drops onto a concrete surface

Agency Approval: FCC Class B, CE



Complies with EMC 89/336/EEC
LVD 73/23/EEC

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