

SCANTEAM® 6180

Instant Interface Series
Bar Code Wand Reader/Decoder



Features

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

The SCANTEAM® 6180 is HHP's bar code wand reader/decoder that simplifies scanning and decoding by combining both functions into its standard wand housing.

HHP's SCANTEAM® 6180 is an economical, compact solution for any bar code data collection application that provides an RS-232 port.



SCANTEAM® 6180 Specifications

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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