IMAGETEAM™ 5620
Retail/Commercial Cordless Scanning System

2005 Sunrise Compliant!

HHP's imaging technology provides breakthrough performance in the new IMAGETEAM™ (IT)5620 linear imager. In adding the convenience of cordless operation to HHP's IT5600 imager, we're beginning a new family of high performance, cost-effective cordless imagers. The IT5620 is suitable for both retail and commercial applications. The IT5620 has best in class scan range and superior ergonomics in both scanning and docking functions, all with HHP's known durability.

The IT5620 excels wherever scanner cables impede an operator's efficiency. In applications that require hand scanning of large or bulky items, operator mobility is limited by scanner cables as they tangle or catch on work surfaces or other equipment. At the point of sale, operators often reach, stretch, twist, pull, and bend around their POS system and counter to read a bar code because the scanner cable inhibits necessary movement. With 33 feet (10 meters) of radio range, the IT5620 system improves operator mobility and greatly reduces the amount of effort required to read a bar code.

To learn how the IT5620 can work for you, contact us at any of the locations listed on the back or visit us at www.hhp.com.

Features

Minimal Base Footprint – Our unique base design provides best in class ergonomics for retrieval and docking of the imager, while offering the smallest footprint of any major competitor.

Bluetooth™ v1.2 Radio – Developed to reduce interference with existing RF backbones, including the 802.11 family, while providing 33 foot (10 meter) range.

Battery - A long lasting, high capacity lithium ion battery provides 25,000 scans per full charge, with no conditioning required. The battery is field replaceable.

Durability - No moving parts means that we'll survive 50 6.5 foot (2 meter) drops to concrete, even without the cable to "break the fall."

Scanning Performance - Class leading read range and reading performance on poor quality bar codes is a perfect match in cordless applications.

Presentation Scanning - The IT5620 scans while docked in the base, providing efficient, hands free operation.

Information subject to change prior to release

Upgrade your image.

IMAGETEAM 5620 *Specifications*

Performance

Illumination:	630 NM Visible Red LED
Receiving Device:	3648 element linear imager
Reading Distance:	From 1 in. (2.5 cm) to 24 in. (61 cm) on medium density codes
Reading Width:	7.5 mil code: 7 in. (18 cm) from nose, 6.6 in. (17 cm) wide 13 mil code: 16.5 in. (42 cm) from nose, 10 in. (25 cm) wide
Resolution:	5 mil. at 5 in. (13 cm) distance
Skew Angle:	±65°
Pitch Angle:	±65°
Minimum Symbol Contrast:	20%
Scan Rate:	Up to 270 scans per second
Decode Rate:	270 decodes per second

Mechanical/Electrical

	5620 Scanner	2020 Base
Dimensions		
Weight:	9 oz. (255 g)	7.25 oz. (206 g) w/o cable
Height:	6.5 in. (16.5 cm)	1.4 in. (3.6 cm)
Power Requirements		
Input Voltage:	4.2 V battery	4.5 to 12 VDC (host or external 9V supply)
Current Draw Operating:		235 mA (typical)@9 VDC
Standby:		80mA
Environmental		
Sealing:	IP 41 (Water and Dust Resistant)	IP 44 (Water and Dust Resistant)
Temperature Operating:	32° to 122°F (0° to 50°C)	-4 to 122°F (-20° to 50°C)
Storage:	-40° to 140°F (-40° to 60°C)	-40° to 158°F (-40° to 70°C)
Humidity:	0 to 95%, non condensing	0 to 95%, non condensing
Mechanical Shock:	Functional after 50 drops from 5 ft. (1.5 m)	Functional after 26 drops from 3.3 ft. (1 m)
Ambient Illumination:	0-76,000 lux	
ESD Protection:	Functional after 15 kV discharge	

Radio

Frequency:	2.4 to 2.4835 GHz (ISM Band) Frequency-Hopping Bluetooth v. 1.2
Range:	33 ft. (10 m) typical
Data Rates:	720 KBps

Battery

	Lithium Ion
Capacity:	1500 mAh
Number of Scans:	25,000
Expected Hours of Operation:	16 hours @ 1 scan every second
Charge Time at 9 Vac:	4 hours for full charge from full discharge
Symbologies:	China Post, Codabar, Codablock F, Code 2 of 5, Code 11, Code 16K, Code 39, Code 32 Pharmaceutical (PARAF), Code 49, Code 128, EAN/JAN, IATA Code 2 of 5, Interleaved 2 of 5, Korea Post, Matrix 2 of 5, Coupon Code, MSI, Plessey Code, PosiCode, RSS-14, Telepen, Trioptic, UPC-A, and UPC-E. Sunrise 2005/GTIN compliant.
Interfaces:	All popular PCs and terminals via keyboard wedge, keyboard replacement/direct connect, USB, TTL level RS-232, wand emulation mode, TTL level Serial Wedge, and IBM 46XX retail terminals.

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