

IMAGETEAM™ 5620

Retail/Commercial Cordless Scanning System



Features

Adaptus™ Imaging Technology - HHP's exclusive brand of imaging technology provides best-in-class read range and an unsurpassed ability to read poor quality bar codes. Both features are well suited to cordless applications where improved efficiency and ergonomics are primary goals.

Bluetooth® v1.2 Class 2 Radio - Developed to reduce interference in existing RF backbones, including 802.11. Only v1.2 uses Adaptive Frequency Hopping (AFH) to mitigate data collisions in the 2.4 GHz frequency band, while providing a 33 foot (10m) working range.

Unique Base Design offers the following features:

- *A minimal footprint that is up to 33% smaller than major competitors', simplifying installation and leaving more counter space for customer service or other application needs.*
- *Presentation scanning with a docked imager for efficient, hands-free bar code reading.*
- *Host-powered interface and RF link; an exclusive HHP feature that extends the mobile capabilities of the IT5620 by drawing power from a portable device for radio and host communications.*

Battery - A long lasting, high capacity lithium ion battery provides 57,000 scans per full charge with no conditioning required. The battery is field-replaceable.

Durable - HHP's solid state, no-moving-parts imager design withstands more than fifty 6 foot (1.8m) drops to concrete.

2005 Sunrise Compliant!

HHP's IMAGETEAM 5620 (IT5620) combines exclusive Adaptus Imaging Technology with Bluetooth wireless connectivity to provide class-leading performance and durability for retail and commercial cordless bar code reading.

In applications where operators must move about to read bar codes, cables become a limiting factor. They cause inefficiencies or safety and ergonomic concerns. Cable length often limits working range, resulting in an object being moved to the reader because the reader can't be taken to the object. With cordless bar code reading, operators have freedom of movement required to quickly, safely, and ergonomically read bar code data. With a 33 foot (10m) working range and 24 inch (61cm) read-range, the IT5620 has the right combination of performance and features.

Having the right performance is only part of the solution; staying in service is just as important. The IT5620 also has class-leading durability. It was designed to survive in real world mobile applications. HHP is committed to creating some of the most rugged products available, and the IT5620 is another example of that commitment. With no moving parts and a robust housing design, the IT5620 will easily provide years of service in retail and commercial environments, creating a favorable total cost of ownership.

For information on how the IT5620 can make your business more efficient, contact us at any of the locations listed on the back or visit us at www.hhp.com.

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 with Battery	2020 Base
Dimensions		
Weight:	9.2 oz. (261 g)	8.8 oz. (250 g) w/o cable
Height:	6.5 in. (16.5 cm)	3.1 in. (7.9 cm)
Power Requirements		
Input Voltage:	3.6 V internal battery	4.5 to 12 VDC (host) 8.5 to 9.5 VDC brick
Current Draw		125 mA max @ 5V (no charging) 100 mA max @ 12V (no charging) 825 mA max @ 12V (charging)
Environmental		
Sealing:	IP 41 (Water and Dust Resistant)	IP 41 (Water and Dust Resistant)
Temperature Operating:	32° to 122°F (0° to 50°C)	32° to 122°F (0° to 50°C)
Storage:	-40° to 140°F (-40° to 60°C)	-40° to 140°F (-40° to 60°C)
Humidity:	up to 95%, non condensing	up to 95%, non condensing
Mechanical Shock:	Functional after 50 drops from 6 ft. (1.8 m)	Functional after 50 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

Battery	Lithium Ion
Capacity:	1800 mAh
Number of Scans:	20,000
Expected Hours of Operation:	16 hours @ 1 scan every second
Charge Time with 9 VDC brick:	4 hours for full charge from full discharge
Symbolologies:	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. 2005 Sunrise/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.

BLUETOOTH is a trademark owned by Bluetooth SIG, Inc., U.S.A. and licensed to HHP.

Worldwide Offices

Offices Serving North America
Skaneateles Falls, NY
Tel: +1 315 685 8945
or, in North America: +1 800 582 4263
sales@hhp.com
Charlotte, NC
Tel: +1 704 998 3998
or, in North America: +1 800 582 4263
sales@hhp.com

Offices Serving Europe, Middle East, and Africa
Europe
Tel: +31 (0) 40 29 01 600
euro_sales@hhp.com
United Kingdom
Tel: +44 (0) 1 925 240055
euro_sales@hhp.com
Italy
Tel: +39 (0) 2 67 100752
euro_sales@hhp.com

France
Tel: +33 (0) 1 41 158220
euro_sales@hhp.com
Germany
Tel: +49 (0) 7 477 151377
euro_sales@hhp.com
Spain
Tel: +34 93 228 78 68
euro_sales@hhp.com

Offices Serving Asia and the Pacific Rim
Hong Kong
Tel: +852 2511 3050
asia_sales@hhp.com
Japan
Tel: +813 5842 6325
asia_sales@hhp.com

Offices Serving Latin America
Naples, Florida
Tel: +1 239 263 7600
la-sales@hhp.com
São Paulo
Tel: +55 11 5016 3454
la-sales@hhp.com
Rio De Janeiro
Tel: +55 21 2494 7060
la-sales@hhp.com

Web Site Address www.hhp.com

Hand Held Products, Inc. d/b/a HHP ("HHP") © 1999-2004. All rights reserved. Printed in the U.S.A.

Due to HHP's continuing product improvement programs, specifications and features herein are subject to change without notice.