

Scanning and Mobility Reference Guide



**Solutions that
Enable Productivity**

Honeywell

innovate



Deploy new value-added services and drive cost per consignment down

Dolphin® mobile computers were already known for their greater than shift battery performance (ShiftPlus™), low failure rate, and ergonomic design. The Dolphin 99EX features additional innovations that help you to collect and deliver consignments at reduced cost, whilst providing a platform for more revenue generating customer services. Imagine your drivers scanning consignments and taking crisp images of documents or parcels at source, using geo-code alerts to improve first-time deliveries, and switching between radio networks seamlessly with dual SIM cards. Honeywell works with many of the leading logistics companies in the world to deliver reliable, fast and innovative solutions. If your business is devoted to right shipment, right place, first time, where every second counts – contact Honeywell now.

Honeywell

Visit www.honeywellaidc.com or call +31 40 7110041 for more information.

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Honeywell Scanning & Mobility is a leading manufacturer of high-performance image- and laser-based data collection hardware, including rugged mobile computers and bar code scanners. Our product portfolio is one of the broadest in the AIDC industry, providing you with solutions for vertical markets such as retail; healthcare; and transportation and logistics. We complement our innovative products with advanced software, service and professional solutions that enable customers to effectively manage data and assets. Honeywell products are sold worldwide through a network of distributor and reseller partners. For more information, please visit www.honeywellaidc.com.

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Legend

LEGEND	
	Reads 1D bar codes
	Reads PDF bar codes
	Reads 2D bar codes
	Reads Postal bar codes
OCR	Reads OCR fonts
USB	USB Port
	Captures digital images
	Captures digital images in color
EAS	Integrated EAS antenna
	Integrated scale
	Bluetooth compatible
	WiFi compatible
GSM	GSM/GPRS compatible
3.5G GSM	Wireless broadband for voice and data
3.75G₁	Integrated GSM wireless technology for voice and data, or software-definable radio with integrated GSM and CDMA wireless technology for data only
	Windows CE
	Windows Mobile
	Windows Embedded
	IP-rated
SMS	Service Made Simple
	Powered by Adaptus
	Honeywell Smart Sensor

LEGEND	
AGPS	Assisted GPS technology
GPS	Integrated GPS technology
DRH	Disinfectant-Ready Housing
TF	TotalFreedom
802.11 abgn	802.11abgn
	Drop Specification

Hand-Held Scanners

LASER SCANNERS		NEW PRODUCT	
<p>Warranty 3 yrs</p> 	<p>Warranty 9520/40: 5 yrs 9535: 2 yrs</p> <p>Voyager 9520 VoyagerBT 9535 VoyagerCG 9540</p> 	<p>Warranty 5 yrs</p> 	<p>Warranty 5 yrs</p> 
Eclipse™ 5145	Voyager® 9500 Series	VoyagerGS® 9590	Voyager 1200g
<ul style="list-style-type: none"> Laser based-alternative with longer working range and wider scan field than typical CCD scanners CodeGate® data transmission is ideal for menu-scanning applications CodeSense® technology allows for PowerSave mode and automatic wake-up 	<ul style="list-style-type: none"> Automatic trigger allows scanner to function as a hand-held or fixed presentation device CodeGate data transmission is ideal for menu-scanning applications Corded or Bluetooth® wireless connectivity options 	<ul style="list-style-type: none"> Ergonomic design allows scanner to fit comfortably into a wide range of hand sizes Increased scan speed provides an aggressive solution for scanning all standard 1D codes Automatic in-stand detection aids in seamless presentation mode scanning Optional integration of RF EAS antenna increases efficiency by simultaneously deactivating RF EAS tags and decoding bar codes 	<ul style="list-style-type: none"> Outstanding scan performance on poor quality and damaged bar codes Automatic in-stand detection and configuration Automatic interface detection and configuration CodeGate data transmission is ideal for menu-scanning applications
  	    	    	  
LINEAR IMAGERS		NEW PRODUCT	
<p>Warranty 3 yrs</p> 	<p>Warranty 2 yrs</p> 	<p>Warranty 5 yrs</p> 	<p>Warranty 3820i: 3 yrs 3800i: 3 yrs</p> <p>3820i 3800i</p> 
Fusion® 3780	3200	Hyperion 1300g	3800i Series
<ul style="list-style-type: none"> Primary omnidirectional scan pattern increases throughput by scanning codes in any orientation Secondary single-line scan pattern facilitates targeted menu scanning Automatic in-stand detection facilitates seamless presentation mode scanning Optional integration of RF EAS antenna increases efficiency by simultaneously deactivating RF EAS tags and decoding bar codes 	<ul style="list-style-type: none"> Performance and durability for basic linear scanning, at a value price. Durable linear imager, with no internal moving parts. User-friendly ergonomic pistol-grip and index finger trigger 	<ul style="list-style-type: none"> Increases throughput by offering intuitive and aggressive hand-held scanning performance Reads 13 mil bar codes out to 18 inches (457 mm) and high density bar codes as small as 3 mil, eliminating the need to purchase specialty scanners Supports all popular interfaces in one device, replacing the time consuming process of scanning programming bar codes with automatic interface detection and configuration Offers direct replacement for Honeywell's 3800g 	<ul style="list-style-type: none"> Industrial-grade durability with impact-absorbing housing Environmentally sealed against dust and moisture intrusion, and withstands extreme temperatures Extended read range Corded or Bluetooth® wireless connectivity options FIPS 140-2 Certified Encryption option (3820i only)
  		   	    

Hand-Held Scanners

	AREA IMAGERS		INDUSTRIAL-GRADE AREA IMAGER
Warranty 2 yrs 	Warranty 1900: 5 yrs 1902: 3 yrs 	Warranty 3 yrs 	Warranty 4820i: 3 yrs 4800i: 5 yrs 4820i 4800i 
IS4225	Xenon™ 1900 Series	Xenon with Integrated Ratchet Stand	4800i Series
<ul style="list-style-type: none"> Wearable scanner fits comfortably on back of hand, preventing operational fatigue Automatic scanning facilitates speedy operation by eliminating the need for repeated button presses Mounts to virtually any device, taking up minimal space 	<ul style="list-style-type: none"> New decoding architecture and custom sensor optimized for bar code scanning provide improved scanning aggressiveness Reliable design with fewer components minimizes downtime and improves serviceability Lightweight, compact form factor fits well in most hands, reducing operator fatigue Corded or Bluetooth® wireless connectivity options 	<ul style="list-style-type: none"> New decoding architecture and custom sensor optimized for bar code scanning provide improved scanning aggressiveness Reliable design with fewer components minimizes downtime and improves serviceability Integrated ratchet stand design provides hand-held and hands-free scanning in a single device 	<ul style="list-style-type: none"> Industrial-grade durability with impact-absorbing housing Environmentally sealed against dust and moisture intrusion, and withstands extreme temperatures FIPS 140-2 Certified Encryption Option (4820i only) Corded or Bluetooth wireless connectivity options Bluetooth Interface Module Option (4820i only)
	      	    	     

In-Counter

LASER SCANNERS

Warranty
3 yrs



StratosH® 2300

- Six-sided, 360° scanner/scale series optimizes checkout productivity with aggressive pass through scanning, regardless of product orientation
- Optional integrated dual interval scale withstands harsh checkout environments, offers a fast settling time and provides accurate, high resolution weighing
- StratosSYNC™ features independent vertical and horizontal scanning planes that ensure uptime



Warranty
2 yrs



Stratos® 2400

- Five-sided, 360° scanner/scale series optimizes checkout productivity with aggressive pass through scanning, regardless of product orientation
- Optional integrated dual interval scale withstands harsh checkout environments, offers a fast settling time and provides accurate, high resolution weighing
- StratosSYNC features independent vertical and horizontal scanning planes that ensure uptime
- StratosSTATS Productivity Analytical Software



Warranty
3 yrs



Horizon® 7600

- Compact in-counter omnidirectional scanner
- Built in RF EAS antenna increases efficiency by simultaneously deactivating RF EAS tags and decoding bar codes
- RS232 auxiliary port allows additional peripherals such as hand-held scanners to be connected
- Glass and Diamonex window options



Hands-Free Scanners

LASER SCANNERS

Warranty
3 yrs

Orbit 7120
OrbitCG 7180



Orbit® 7100 Series

- Customized depth-of-field for tight scanning
- Omnidirectional presentation laser bar code scanner engineered for first-pass read rate accuracy
- Contour shape enables it to be picked up for easy scanning
- CodeGate data transmission is ideal for menu-scanning applications (7180 only)



Warranty
3 yrs



QuantumT® 3580

- Custom configurable scan pattern
- Three modes of operation: raster, single-line or omnidirectional
- Various stand options which meet user needs
- Extremely aggressive with 1650 scans per second
- Small form factor



Warranty
2 yrs



Solaris™ 7820

- Aggressively decodes high-density bar codes and optimizes checkout procedures
- Multiple on-board interfaces provide infrastructure protection and ensure compatibility with POS systems
- Diagnostic indicator decreases downtime with easy troubleshooting
- Optional field-replaceable protective window for harsh checkout environments



Hands-Free Scanners

AREA IMAGERS

Warranty
5 yrs



4800p

- Extremely compact form-factor
- Integrated scanner and presentation stand with tray for scanning small POS items, reading bar coded ID cards and capturing small images



Warranty
2 yrs



Genesis™ 7580

- Superior motion tolerance provides aggressive scanning
- Intelligent multi-interface design reduces overall system costs
- TotalFreedom® expands scanner functionality by allowing formatting, parsing and decoding plug-ins to be loaded directly into the 7580 instead of the host system
- Integrated EAS increases efficiency by simultaneously deactivating EAS tags and decoding bar codes



Warranty
2 yrs



Vuquest™ 4980

- Compact form factor allows the scanner to be held comfortably in the palm of the hand or mounted in self-service kiosks
- Aggressive pass-through scanning enhances productivity
- Intelligent multi-interface design reduces overall system costs
- TotalFreedom expands scanner functionality by allowing formatting, parsing and decoding plug-ins to be loaded directly into the 4980 instead of the host system



Mobile Computers

Warranty
1 yr



Warranty
1 yr

SP5502 OptimusS
SP5535 OptimusSBT



Warranty
1 yr



ScanPal®2

- Easy to use Windows-based application generator
- Offers optional "C" and "BASIC" compilers for more experienced programmers
- Back-lit display is easy to read in all lighting conditions
- Various accessory options make it easy to customize to any application



SP5500 OptimusS™ Series

- Backlit LCD display with adjustable font
- Outstanding feature set in lightweight form factor
- Cradle communicates RS232 and USB
- Fully charged battery lasts approx. 100 hours (OptimusSBT lasts approx. 36 hours)
- Multiple programming options (Optimizer, BASIC, C) accommodate varying skill levels
- Class 1 Bluetooth connectivity



Dolphin® 6100

- Ultra-lightweight device provides instinctive data entry and comfortable single-handed use in a stylish form factor
- Purpose built for in-premise applications
- Long-lasting battery powers an eight-hour shift without needing to change the battery, even in wireless, scan-intensive environments
- Wireless connectivity to enterprise networks and cordless peripherals through integrated 802.11b/g and Bluetooth®
- Available with Microsoft Windows CE 5.0 or Windows Embedded Handheld 6.5 operating systems
- Available with laser scan engine



NEW PRODUCT

Warranty
1 yr



Warranty
1 yr



Warranty
1 yr



Dolphin 6500

- Lightweight device provides instinctive data entry and comfortable single-handed use
- Shift-PLUS™ battery life for 10+ hours of continuous use
- Wireless connectivity to enterprise networks and cordless peripherals through 802.11b/g and Bluetooth®
- Offers multiple keypad options to meet varying data entry requirements
- Optional slide-on handle accessory available for high volume scanning applications
- Available with Microsoft Windows CE 5.0 or Windows Embedded Handheld 6.5 operating systems
- Available with laser scan engine



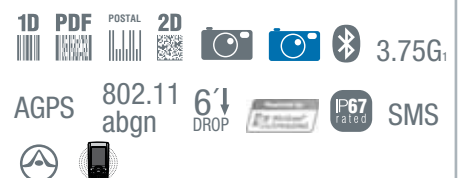
Dolphin 7600

- Full mobile computing functionality in a small design optimized for comfortable one-handed use
- Built for reliability in light-industrial environments
- Full wireless connectivity—GSM/GPRS, 802.11b/g and Bluetooth for real-time communication—anytime, anywhere
- Shift-PLUS battery life for 10+ hours of continuous use
- Integrated GPS technology enables location-based applications for improved operator efficiency and more effective field asset management



Dolphin 99EX

- Most durable Honeywell offering—reduces downtime and total cost of ownership
- Provides long-lasting battery life, eliminating the need for users to carry extra batteries or a charger
- Incorporates a software-definable radio that allows on-the-fly switching between cellular networks, enabling faster and more reliable wireless connections
- Adaptus® Imaging Technology 6.0 enables fast scanning of linear and 2D bar codes with excellent motion tolerance, as well as seamless image capture



Mobile Computers

Warranty
2 yrs



Dolphin 9900

- True industrial-grade durability to ensure reliability in rugged mobile applications
- Optimized design—user-preferred features including angled scan engine and integrated finger saddle
- Full wireless connectivity—integrated GSM/GPRS, 802.11b/g and Bluetooth for real-time communication—anytime, anywhere
- Integrated GPS technology enables location-based applications for improved operator efficiency and more effective field asset management
- Shift-PLUS battery life for 10+ hours of continuous use



Warranty
Dolphin 9950: 2 yrs
Dolphin 9951: 1 yr



Dolphin 9950/9951

- Integrated pistol grip ensures comfort during extended periods of usage
- Wireless connectivity to enterprise networks and cordless peripherals through integrated 802.11b/g and Bluetooth®
- Multiple keypad options deliver functionality for a variety of applications
- Shift-PLUS battery life for 10+ hours of continuous use
- The 9951 features an integrated laser engine for long range 1D scanning applications

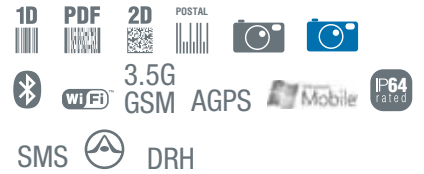


Warranty
1 yr











Dolphin 9700

- Ruggedized digital assistant purpose built for field-based mobile workers
- Designed to excel in mobile data collection applications that rely on multi-modal communication
- Global high-speed wireless platform: 3.5G GSM/HSDPA, 802.11 a/b/g, Bluetooth®, IrDA and GPS
- Optional magnetic stripe and smart card reader accessory available for convenient reading of magnetic stripe and smart chip-encoded identification and credit cards









OEM

LASER SCANNERS

<p>Warranty 2 yrs</p> 	<p>Warranty 2 yrs</p> 	<p>Warranty 2 yrs</p> 	<p>Warranty 2 yrs</p> 
<p>IS4125</p>	<p>IS4800 Series</p>	<p>IS3480</p>	<p>IS220</p>
<ul style="list-style-type: none"> Built-in object detection increases productivity with hands-free scanning Compact metal housing offers protection against accidental damage Ultra-wide sweep angle allows wide bar codes to be scanned up close <p>1D </p>	<ul style="list-style-type: none"> Miniature laser engine is designed to integrate with compact mobile and other devices Built-in features deliver an effective scanning solution for 1D bar codes to meet the needs of a wide range of use cases Hardware and software decoding options provide excellent value and performance for every application <p>1D </p>	<ul style="list-style-type: none"> Ultra-fast speed and optimized coverage provide a super easy omnidirectional scanning experience "Sweet-spot" mode aids in finding optimum mounting location Unique shape allows integration with slim profile systems Utility ports provide additional I/Os for connecting external signals <p>1D </p>	<ul style="list-style-type: none"> High-speed omnidirectional scan engine specialized for reverse vending and other industrial applications Unique scan pattern and wide coverage optimized to scan bar codes on bottles and cans of different sizes IP54 rating provides protection against harsh working environments Self diagnostics and remote monitoring minimize down time and increase productivity <p>1D </p>

LINEAR IMAGERS

2D IMAGERS

<p>Warranty 2 yrs</p> 		
<p>3800eg</p>	<p>5000 Series</p>	<p>IS4920</p>
<ul style="list-style-type: none"> High-performance linear imaging engine for reading linear and PDF417 bar codes Easy to install and configure <p>1D PDF </p>	<ul style="list-style-type: none"> Ultra-compact design that can be easily integrated into a variety of devices Reads virtually all linear and 2D bar codes, plus postal codes and OCR fonts Captures digital images <p>1D PDF 2D POSTAL OCR  </p>	<ul style="list-style-type: none"> Specialty miniature imaging engine built with a megapixel sensor, wide angle lens and a decoded board Advanced performance powered by SwiftDecoder for reading wide and high-density codes, optical character recognition (OCR) fonts on travel documents, as well as all standard bar codes Unique capability to support value-added plug-ins for custom formatting, image processing and decoding created on our TotalFreedom development platform <p>1D PDF 2D POSTAL OCR   TF</p>

Document Imager

Warranty
3 yrs



4800dr

- Imager, stand and document tray work together as an integrated document imaging solution
- Enables imaging documents up to 8.5" x 11" or A4 in size and ensures crisp images regardless of document or font color
- Reliable technology with no moving parts



Honeywell Software

TotalFreedom™	Remote MasterMind™	GPI+	Power Tools
<ul style="list-style-type: none"> • Open architecture allows for plug-ins to be built for Honeywell area-imaging scanner • Enables the scanner to manipulate scanned data including parsing and data formatting • Write plug-ins to decode a custom bar code or OCR • Upload plug-ins using Remote MasterMind 	<ul style="list-style-type: none"> • Provides remote management of Honeywell scanners and bioptic products • Enables firmware uploads and provides a quick remote view of scanner status • Helps reduce costs of ownership and maintain productivity of scanners 	<ul style="list-style-type: none"> • Enables quick and easy porting of software from DOS based terminals to Windows devices • Eliminates high costs of re-programming software when upgrading mobility solutions • Compatible with all OptimusS and ScanPal products transitioning to Dolphin Windows solutions <p><i>Please note: conditions and restrictions apply to how GPI+ works. Please contact a Honeywell representative for more details.</i></p>	<ul style="list-style-type: none"> • Various features designed to enhance the Dolphin mobility experience • EZConfig allows instant and easy configuration of Dolphin mobile computers using a bar code • EZMenu offers levels of control over user menus including screen lockdown with administrator password

Third-Party Software

MasterMind MobiControl	PowerNet Twin Client	ITScript Net	Naurtech CETerm Terminal Emulation
<ul style="list-style-type: none"> • Enables centralised remote management of Dolphin mobile computers • Tracks hardware and software assets • Performs scheduled or ad-hoc file/data synchronization • Compatible with Dolphin® mobile computers 	<ul style="list-style-type: none"> • Connects Dolphin® WLAN mobile computers directly to host applications via TN3270, TN5250 or TNVT terminal emulation and industry-standard TCP/IP protocol • Enables customized functionality for wireless data collection including keyboard mapping, automated login capabilities and pass-through printing • Simplifies integration of Dolphin® WLAN mobile computers into a variety of mainframe and open system application environments • Compatible with Dolphin® 7600, Dolphin® 7850 and Dolphin® 9000 Series 	<ul style="list-style-type: none"> • Allows programmers and non-programmers to quickly and easily write effective data collection applications • Saves development time by testing data collection applications before deployment • Compatible with Dolphin® 6000 Series, Dolphin® 7600, Dolphin® 7850, and Dolphin® 9000 Series 	<ul style="list-style-type: none"> • CETerm Terminal Emulation offers 3-in-1 Terminal Emulation as well as an industrial browser for one single price • Orderable to be delivered with your Dolphin mobile computer or separately at a later date • Device-tailored versions for various screens and keypad formats to leverage the ergonomics of your selected Dolphin device • Features advanced scripting and secure data transmission over wireless networks

Services and Professional Solutions

Service Made Simple™

Service Made Simple™ is Honeywell's solution for customers who require easy, hassle-free repair service for their hand-held, hands-free and bioptic scanners, as well as mobile computers. Service Made Simple helps customers meet their requirement for devices on the frontline of their businesses to be running at peak performance – all at an affordable cost.

Features	Service Made Simple	Standard Warranty	Out-of Scope, Non-Warranty, Non-Contract
Turnaround time - hand-held and hands-free scanners	1 day	10 days*	15 days*
Turnaround time - mobile computers and bioptic scanners	3 days	10 days*	15 days*
Repair by Honeywell technicians	✓	✓	✓
Manufactures defects	✓	✓	
Normal wear and tear	✓		
Accidental damage	✓		
Multi-year discount	✓		
Proactive upgrade of hardware engineering fixes on devices being serviced	✓	✓	
Latest firmware upgrades loaded	✓	✓	
Software bug fixes	✓		
Telephone support	✓		
Advanced exchange**	✓		
Battery management**	✓		
Quarterly reporting**	✓		
Application reloading**	✓		
Shipping paid by Honeywell	✓		

* turnaround time is an average, not guaranteed. **option available for 100 or more units. Requires an additional fee.

Post-Sales Service Contracts

Customers requiring enhanced coverage on units already deployed in the field can purchase post-sales Service contracts. This includes manufacturer's warranty, as well as wear and tear. The turnaround time for all products is three days. These contracts can be purchased at any time before the standard warranty expires and can be purchased in yearly increments up to a total of five years.

Factory Warranty Extensions

For customers who are only interested in factory warranty extensions, Honeywell has a solution. Extend the products' factory warranty in yearly increments up to a total of five years. This can be purchased at any time before the standard warranty expires. For devices under warranty extension, Honeywell guarantees a 10 day turnaround time.

For more information on our products and full contact information please visit:

www.honeywellaidc.com

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