Scanning and Mobility Reference Guide

Solutions that Enable Productivity

Honeywell

value packed

Honeywell's new Dolphin 6500 mobile computer delivers the optimal balance of performance and value for in-premise applications.

The Dolphin® 6500 is a lightweight and versatile device engineered for retail, supply chain, and other light-industrial environments. A large, color touch screen display and multiple keypad options provide flexible solutions for key- or graphics-based data entry. Powered by Adaptus® imaging technology, the Dolphin 6500 delivers advanced data capture capabilities including linear and 2D bar code scanning, digital image capture, and intelligent signature capture, minimizing the need for additional devices. Integrated 802.11b/g technology enables real-time wireless communication, providing mobile workers with access to the information that they need to make critical decisions while on the go. ***Choose the value packed Dolphin 6500 mobile computer for your in-premise data collection needs.***

Honeywell

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.

This document contains proprietary information that is protected by copyright. All rights are reserved. No part of this document may be photocopied, reproduced, or translated into another language without the prior written consent of Honeywell.

© 2010 Honeywell International Inc. All rights reserved.

Eclipse, Voyager, VoyagerGS, Fusion, Orbit, OrbitCG, QuantumT, InVista, Solaris, Horizon, Genesis, Vuquest, Stratos, StratosH, StratosE, ScanPal2, OptimusR, OptimusS, OptimusPDA, CodeSelect, CodeGate, CodeSense, TotalFreedom, StratosSYNC, StratosSWAP, EasyDL, Omniplanar, SwiftDecoder, SwiftJPEG, SwifDimension, SwiftOCR and SwiftVerify are the intellectual property of Metrologic Instruments, Inc. Dolphin, Image Kiosk, Quick Check, Service Made Simple, Shift-PLUS and Adaptus are the intellectual property of Hand Held Products. All other product or service names are the property of their respective owners.

Table of Contents

Hand-Held Scanners 2

In-Counter Scanners 4

Hands-Free Scanners 4

Mobile Computers 6

OEM 8

Document Imager 9

Self-Service Kiosk 9

Bar Code Verifiers 9

Software 10

Services and Professional Solutions 11

Legend

Hand-Held Scanners

LASER SCANNERS

Warranty
3 yrs

Eclipse™ 5145

- 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

1D SMS

Warranty
9520/40: 5 yrs
9535: 2 yrs

Voyager 9520
VoyagerBT 9535
VoyagerCG 9540

Voyager® 9500 Series

- Automatic trigger allows scanner to function as a hand-held or fixed presentation device
- CodeGate data transmission is ideal for menu-scanning applications
- Full scanner line offers models that decode all 1D bar codes including high density codes (9521/41 only) for application specific needs

1D EAS SMS

Warranty
5 yrs

VoyagerGS® 9590

- 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

1D EAS IP41 SMS

Warranty
2 yrs

IS4225

- 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

1D

LINEAR IMAGERS

Warranty
3 yrs

Fusion® 3780

- 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

1D EAS SMS

Warranty
5 yrs

3800g
3800gPDF
3800gHD

3800g Series

- Optimal combination of scanning speed and read range to meet most application requirements
- Comfortable, lightweight design for scan intensive use
- Built to endure the rigors of high-use environments
- Specialized options for high-density and PDF bar code reading

1D PDF SMS

Warranty
3820: 3 yrs
3800r: 5 yrs

3820
3800r

3800r Series

- Specialized for extended range scanning with integrated retail interfaces
- Optimal for use as an auxiliary scanner—minimizes lifting heavy or bulky items at the POS
- Corded or Bluetooth® wireless connectivity options
- FIPS 140-2 Certified Encryption option (3820 only)

1D SMS

Warranty
3820i: 3 yrs
3800i: 3 yrs

3820i
3800i

3800i Series

- 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)

1D IP54 SMS

Hand-Held Scanners

AREA IMAGERS

Warranty
1690: 5 yrs
1633: 2 yrs (SCANNER)
1 yr (BATTERY AND ADAPTER)

Focus 1690
FocusBT 1633

Focus® 1600 Series

- Provides increased throughput for virtually all 1D and 2D bar code reading applications—including poorly printed or damaged bar codes
- Omnidirectional scanning eliminates the need to orientate the scanner to a bar code
- Avoid cable clutter and tangles with Bluetooth® wireless connectivity (1633 only)

1D PDF 2D POSTAL OCR IP41 SMS

Warranty
4820: 3 yrs
4600g: 5 yrs

4820
4600g

4600g/4820

- High performance linear and 2D bar code scanning
- Durable, light-industrial construction ensures dependability
- FIPS 140-2 Certified Encryption option (4820 only)
- Disinfectant-ready housing option for healthcare environments
- Corded or Bluetooth® wireless connectivity options
- Bluetooth Interface Module Option (4820 only)

1D PDF 2D POSTAL OCR IP41 SMS

Warranty
5 yrs

4600r Series

- Designed specifically for point-of-sale (POS) presentation scanning applications delivering enhanced functionality only possible with a 2D imager
- Presentation scanning performance on linear bar codes
- Enables drivers license reading for enhanced customer service applications such as e-forms and ID verification

1D PDF 2D POSTAL OCR IP41 SMS

AREA IMAGERS

Warranty
4820i: 3 yrs
4800i: 5 yrs

4820i
4800i

4800i Series

- 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)

1D PDF 2D POSTAL OCR IP54 SMS

Warranty
6300: 18 mo
6320: 18 mo

6300dpm
6320dpm

6000 Series

- Custom DPM technology combines specialized illumination, optics and decoding software all optimized for DPM applications
- Easy-to-use software set-up tool optimizes the lighting, optics and decoding to ensure top performance in your environment
- Rugged, ergonomic design to withstand the most demanding environments

1D 2D DPM IP54 SMS

Honeywell

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
- Mettler Toledo 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

1D EAS SMS

Warranty
2 yrs

Stratos® 2400

- Five-sided, 360° scanner/scale series optimizes checkout productivity with aggressive pass through scanning, regardless of product orientation
- Mettler Toledo 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

1D EAS SMS

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

1D EAS SMS

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)

1D EAS SMS

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

1D SMS

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

1D EAS SMS

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

1D PDF 2D OCR

SMS

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

1D PDF 2D OCR EAS

SMS

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

1D PDF 2D OCR SMS

Honeywell

Mobile Computers

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

1D SMS

NEW PRODUCT

Warranty
1 yr

SP5502 OptimusS
SP5535 OptimusSBT

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

1D SMS

NEW PRODUCT

Warranty
1 yr

SP5600 OptimusR
SP5650 OptimusRW

SP5600 OptimusR™ Series

- IP65-rated design and 1.2 m shock provide protection against harsh environments
- Durable plastic housing with integrated rubber reinforces construction
- Rechargeable battery offers 200 hours of continuous operation
- Ergonomic design with large, backlit keys facilitates comfortable one-handed operation
- Integrated 802.11b/g wireless connectivity

1D SMS

Warranty
1 yr

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®

1D PDF 2D SMS

Warranty
1 yr

Dolphin® 6500

- Lightweight device provides instinctive data entry and comfortable single-handed use
- Purpose built for in-premise applications
- Shift-PLUS™ battery life for 10+ hours of continuous use
- Wireless connectivity to enterprise networks and cordless peripherals through 802.11b/g and Bluetooth®
- Multiple keypad options offer easy, flexible solutions to meet key- or graphics-based data entry requirements

1D PDF 2D SMS

Warranty
2 yrs

Dolphin® 7850

- Optimized design for high-volume in-premise scanning, featuring an integrated pistol grip and easy-to-view upward angled display
- Industrial-grade design to ensure reliability in harsh, high-use environments
- Wireless connectivity to enterprise networks and cordless peripherals through integrated 802.11b/g and Bluetooth®
- Flexible data capture options—imaging technology for standard scanning applications or laser options for extended range scanning
- Shift-PLUS™ battery life for 10+ hours of continuous use

1D PDF 2D SMS

Mobile Computers

Warranty
1 yr

Dolphin® 7600

- Full mobile computing functionality in a light-industrial device
- 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 enabling location-based applications for improved operator efficiency and more effective field asset management

1D PDF 2D GSM GPS SMS

Warranty
2 yrs

Dolphin® 7900

- Industrial PDA-style design
- Full wireless connectivity—GSM/GPRS, 802.11b and Bluetooth® for real-time communication—anytime, anywhere
- Integrated GPS technology enabling location-based applications for improved operator efficiency and more effective field asset management
- Shift-PLUS™ battery life for 10+ hours of continuous use

1D PDF 2D GSM GPS SMS

NEW PRODUCT

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 enabling location-based applications for improved operator efficiency and more effective field asset management
- Shift-PLUS™ battery life for 10+ hours of continuous use

1D PDF 2D GSM GPS SMS

Warranty
2 yrs

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

1D PDF 2D SMS

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
- Automated assisted GPS (A-GPS) technology improves satellite communication speed and tracking continuity in weak signal areas while simplifying device set-up

1D PDF 2D 3.5G AGPS SMS

Honeywell

OEM

LASER SCANNERS

IS4125

Warranty
2 yrs

- IR activation for hands-free scanning
- Metal housing offers protection against accidental damage
- Compact design allows for integration into small devices

1D

IS4800 Series

Warranty
2 yrs

- Delivers aggressive scanning of 1D bar codes as small as 4 mil
- Miniature design fits easily into OEM devices
- Mounting holes facilitate quick and easy integration

1D

IS3480

Warranty
2 yrs

- Sweet-spot mode determines ideal mounting location for users
- Unique shape allows mounting in slim profile systems
- Single-line mode aids in scanning items that contain multiple bar codes or selecting bar codes from a menu
- Aggressive, reliable scanning

1D

IS220

Warranty
2 yrs

- Rugged, high-speed omnidirectional scan engine is ideal for reverse vending and other industrial applications
- Self diagnostics and remote monitoring minimize down time

1D

LINEAR IMAGERS

3800E

Warranty
2 yrs

- Cost-effective high-performance linear bar code scanning
- Compact, easy-to-install configuration
- Windows-based programming tools provide easy set-up and configuration
- Fast, accurate PDF417 decoding (3800EPDF model)

1D PDF

3900

Warranty
5 yrs

- The performance of the 3800E, packaged for fixed-position reading applications
- Bright, sharp aiming line
- Presentation mode scanning capability
- Three convenient connectivity options: Keyboard wedge, RS232 serial interface or USB

1D PDF

2D IMAGERS

5000 Series

- 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

1D PDF 2D POSTAL OCR

4900 Series

- Specialty miniature imaging engine with mega pixel CMOS sensor and wide angle lens
- Reads all standard bar codes and optical character recognition (OCR) fonts
- Well suited for applications that require reading of wide and high-density bar codes, as well as machine readable codes on travel documents
- Supports custom formatting, parsing and decoding plug-ins created on our TotalFreedom® development platform

1D PDF 2D POSTAL OCR

Document Imager

4800dr

Warranty
3 yrs

- 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

1D PDF 2D

Self-Service Kiosk

Image Kiosk™ 8570

Warranty
1 yr

- Small footprint, taking up minimum floor space
- Finger-touch navigation
- Fast and intuitive bar code reading of all linear and 2D bar codes
- Microsoft® Windows® CE 5.0 operating system
- Integrated magnetic stripe reader

1D PDF 2D Wi Fi

Bar Code Verifiers

Quick Check® Series

Warranty
2 yrs

QC 800
QC PC600
QC 890

- Easy set-up and operation
- Interchangeable optical input devices—choice of mouse wand, pen wand or hand-held imager
- Bluetooth® wireless connectivity
- Rechargeable battery eliminates power cables
- Simple results storage—save scan results as data files and/or ASCII text files

1D PDF

Quick Check On-Line Verifier

Warranty
1 yr

- Multiple scanning methods—provide reflectance, dimensional and format measurements
- Flexible optical configurations—allows reading and verifying higher-density or low-contrast symbols
- Simple set-up—Windows®-based software is easy to install and use

1D

Honeywell

Honeywell Software

NEW PRODUCT

EasyDL™

- Parses bar code data found on government-issued identification cards for applications involving age verification or automatic electronic form population
- Eliminates the need for host system software to process the encoded information contained within 1D and 2D bar codes found on government-issued identification
- Compatible with Vuquest 4980, Genesis 7580, Focus 1690, FocusBT 1633 and IS4920.

Omniplanar™ SwiftDecoder™

- Provides hand-held scanners with snappy performance and fixed scanners with industry-leading decode times
- Increases read rates of damaged and poorly printed real-world bar codes
- True 360° omnidirectionality increases ease-of-use and first-pass reads

Omniplanar™ SwiftDimension™

- Enables existing fixed-position automatic identification imaging systems to capture accurate two-dimensional measurements of objects within 0.5", eliminating the need for costly or bulky dimensioning equipment
- Maximizes uptime and reduces maintenance by eliminating additional hardware components

Omniplanar™ SwiftJPEG™

- Achieves significantly higher compression ratios than standard JPEG compressors
- Preserves critical image detail for review purposes
- Increases image storage capacity by 20–30 times

Omniplanar™ SwiftOCR™

- Provides existing AIDC imaging devices with high-speed optical character recognition (OCR) of OCR-A, OCR-B and MICR characters, without needing additional OCR dedicated hardware
- Templated-OCR software designed specifically for AIDC hardware reduces costs associated with full-page-OCR software

Omniplanar™ SwiftVerify™

- Allows existing AIDC hardware to quickly and accurate verify 1D and postal bar codes based on ISO/IEC, ANSI and MERLIN specifications
- Authenticates verification results with a single pass over a bar code instead of traditional multi-swipe methods
- Increases workplace efficiencies by allowing operators to both scan and verify with a single piece of AIDC hardware

Third-Party Software

SOTI MobiControl

- Enables centralized remote management of Dolphin mobile computers and image kiosk solutions
- Tracks hardware and software assets
- Performs scheduled or ad-hoc file/data synchronization
- Compatible with Dolphin® mobile computers

PowerNet Twin Client

- 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, Dolphin® 7900, Dolphin® 9500 Series, Dolphin 9900 Series, and Image Kiosk 8560

ITScript Net

- 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® 7600, Dolphin® 7850, Dolphin® 7900, Dolphin® 9500 Series, and Dolphin 9900 Series

Services and Professional Solutions

Service Made Simple*

Honeywell's comprehensive service program provides customers with easy, hassle-free repair service for their hand-held, hands-free and bioptic scanners, as well as mobile computers.

Service Made Simple™ is an affordable solution to help ensure front-line devices are always operating at top performance.

- Full Comprehensive Coverage—devices are covered for normal wear & tear or accidental breakage
- Quick-Turnaround Promise—Hand-held, hands-free and bioptic products will be serviced in one business day, mobility products will be serviced in three business days, and all will be returned to your site via expedited delivery
- Value-Add Maintenance—engineering changes, such as firmware upgrades, will be implemented on your devices during the repair process at no extra cost

Enterprise-Level Custom Service Programs and Factory Warranty Extension Service Plans

Factory Warranty Extensions

For customers who are only interested in factory warranty extensions, Honeywell has a solution. You can extended your products' factory warranty in yearly increments up to a total of five years. Best of all, this can be purchased at any time, and renewed annually. For devices under warranty extension, Honeywell guarantees a 10 day turnaround time.

Enterprise-Level Custom Service Programs

Honeywell offers custom service programs for high-volume customers that require an increased level of support. Features include:

- Asset Tracking
- Application Loading
- Custom Reporting
- Spares Management
- Battery Management
- Custom Packaging/Labeling
- Coverage Levels
- Turnaround Time

Professional Services

Our team of Honeywell professionals and business partners can assist you with in-depth solution planning and project execution, ranging from site analysis and consulting to software application development and system installations—all helping to ensure that your project goals and long-term needs are met.

Software Services

Our software consultants and business solution partners work as an extension of your development team to understand your specific software application requirements and help you build an application that best suits your business needs.

Equipment Configuration and Staging

Device staging and configuration can be an extremely inefficient process to manage internally. We have the ability to save you time and money, improving your overall ROI—by providing devices completely configured for a full "out of the box" solution.

Custom Hardware Configuration

Specifically designed for enterprise-class customers with unique requirements, we offer the option to customize your hardware solutions in a variety of ways to optimize usability in specific applications.

* Coverage details may vary slightly depending on regional location. Contact your local sales or service department.

For more information on our products:
www.honeywellaidc.com

Honeywell Scanning & Mobility
9680 Old Bailes Road
Fort Mill, SC 29707
800.582.4263
www.honeywell.com

SMRG Rev F 02/10
© 2010 Honeywell International Inc.