

DENSO



ADC



INVENTOR OF THE QR CODE®



Automatic Data Capture Products

BHT - 900



BHT-900 Series 1-D Terminals

Compact, affordable and easy to use

HIGH PERFORMANCE

- ▣ Advanced Scan Plus™ CCD technology
- ▣ Up to 200 scans per second
- ▣ Scans even hard-to-read or damaged codes
- ▣ Scans wide barcodes
- ▣ Touch or distance scanning
- ▣ Direct USB connection to PC; Media Transfer Protocol (MTP); Bluetooth® 2.1 (BHT-904BB); batch communication via RS232C or USB

USER-FRIENDLY

- ▣ Easy-to-see display
- ▣ Convenient C-language programming

- ▣ Pre-installed software for instant, out-of-the box basic data collection
- ▣ Can use AA rechargeable batteries

ERGONOMIC

- ▣ Slim and lightweight
- ▣ Up to three trigger keys
- ▣ Angled head is easy to aim at barcode

ROBUST AND DURABLE

- ▣ Up to 200 hours of continuous operation between charges
Tested to withstand 60 drops onto concrete from 3.9 feet

BHT - 1300



3-year
warranty*

BHT-1300 Series 1-D and 2-D Wireless Terminals

Batch or wireless communication

HIGH PERFORMANCE

- ▣ Advanced Scan Plus™ CCD technology (1-D model)
- ▣ Area sensor (2-D model)
- ▣ Scans faster than a laser
- ▣ 2-D model reads codes from any angle, reducing working time by up to 30 percent
- ▣ Fast IEEE 802.11 b/g/n wireless communication
- ▣ Bluetooth® 2.0

USER-FRIENDLY

- ▣ Extra-bright, color LCD
- ▣ Wide viewing angle
- ▣ Easy to read data in any lighting condition, including bright sunlight
- ▣ Can use AAA rechargeable batteries

ERGONOMIC

- ▣ Compact and lightweight
- ▣ Comfortable to hold for long periods of time
- ▣ Dome-shaped keys are easy to operate, even while wearing gloves

ROBUST AND DURABLE

- ▣ Continuous wireless use for up to 28 hours between battery charges
- ▣ Tested to withstand 30 drops onto concrete from 6.5 feet and 30 additional times from 3.9 feet

*Registration required

BHT - 600



BHT-600 Series 2-D Wireless Terminals

Rugged and reliable

DURABILITY

- ▣ Strengthened LCD protective cover
- ▣ IP54 dust-and splashproof protection
- ▣ Tested to withstand 30 drops onto concrete from 3.9 feet

HIGH PERFORMANCE

- ▣ High-speed scanning of 2-D and 1-D codes
- ▣ Easily scans poorly printed codes
- ▣ Scans wide barcodes
- ▣ Batch-scans linked or multi-row codes

DISPLAY

- ▣ Large, 2.8-inch, 240 x 320-dot QVGA color display
- ▣ Background color changeable for each task
- ▣ Scalable fonts display text in any size

COMMUNICATIONS

- ▣ WPA/WPA2 network security prevents unauthorized data access
- ▣ Fast IEEE 802.11 b/g wireless communication
- ▣ Long, 24-hour operation between charges (8-hour continuous)

BHT - 800



BHT-800 Series 1-D Wireless Terminals

Fast and user-friendly

HIGH PERFORMANCE

- ▣ Advanced Scan Plus™ CCD technology
- ▣ Up to 400 scans per second
- ▣ Easily scans wide bar codes
- ▣ Touch and distance scanning
- ▣ Scans next-generation QR Codes®

USER-FRIENDLY

- ▣ Special software for easy installation and operation
- ▣ Ergonomic design reduces operator fatigue
- ▣ Large, 2.6-inch, 240 x 320 dot QVGA color display
- ▣ Can set background color for each task
- ▣ Scalable fonts display text in any size

COMMUNICATIONS

- ▣ WPA/WPA2 network security
- ▣ Fast IEEE 802.11 b/g wireless communication
- ▣ Long, 18-hour operation between charges (10-hour continuous)

DURABILITY

- ▣ IP54 dust- and splashproof protection
- ▣ Tested to withstand 60 drops onto concrete from 5 feet

BHT - 1100



3-year
warranty*

BHT-1100 Series 1-D Wireless Terminals

Advanced technology, for increased operator efficiency

HIGH PERFORMANCE

- ▣ Advanced Scan Plus™ CCD technology
- ▣ Three times faster than a laser
- ▣ Scan from floor to ceiling without a stepladder
- ▣ Expanded scan pattern reads dirty or smeared barcodes

USER-FRIENDLY

- ▣ Windows® CE operating system
- ▣ Slim, easy-to-hold grip, for one-handed operation
- ▣ Hand strap increases stability
- ▣ Large, easy-to-read, 3.5-inch HVGA screen

- ▣ 3 MP camera available

- ▣ Angled screen; view while scanning

COMMUNICATIONS

- ▣ Fast IEEE 802.11b/g/n wireless communication
- ▣ WPA/WPA2 security
- ▣ Bluetooth® 2.0
- ▣ Standard battery life 17 hours (optional 25 hours)

DURABILITY

- ▣ IP54 dust- and splashproof protection
- ▣ Tested to withstand 60 drops onto concrete from 5 feet

*Registration required

BHT - 1200



3-year
warranty*

BHT-1200 Series 1-D and 2-D Wireless Terminals

High performance and global capabilities

HIGH PERFORMANCE

- ▣ Advanced Scan Plus™ CCD technology (1-D model)
- ▣ Area sensor (2-D model)
- ▣ Super fast scanning
- ▣ Scan from floor to ceiling without a stepladder
- ▣ Scans next-generation QR Codes®

USER-FRIENDLY

- ▣ Windows® CE operating system
- ▣ Ergonomically designed for one-hand operation
- ▣ Slim, easy-to-hold grip
- ▣ Twelve function keys
- ▣ Large, easy-to-view 3.5-inch HVGA color display

- ▣ Comprehensive DENSO global support system
- ▣ Optional MobiControl® worldwide remote terminal management

COMMUNICATIONS

- ▣ Fast IEEE 802.11b/g/n wireless communication
- ▣ WPA/WPA2 security
- ▣ Bluetooth® 2.0

DURABILITY

- ▣ IP54 dust- and splashproof protection
- ▣ Tested to withstand 60 drops onto concrete from 5 feet

*Registration required

AT20 Series



5-year
warranty

AT20 1-D and 2-D Scanners

High-speed, user-friendly and affordable

HIGH PERFORMANCE

- ▣ Advanced Scan Plus™ CCD technology (1-D model)
- ▣ Area sensor (2-D model)
- ▣ Scans faster than a laser
- ▣ Super-deep scanning field, for smooth close-up and distant operation
- ▣ Reliable reading of poor-quality barcodes
- ▣ Reads wide barcodes
- ▣ Scans next-generation QR Codes®

USER-FRIENDLY

- ▣ Compact and lightweight
- ▣ Comfortable grip
- ▣ Reads codes from any angle (AT20/21)

FUNCTIONALITY

- ▣ Autosense mode for hands-free operation
- ▣ Built-in data verification
- ▣ Program by PC or configuration codes
- ▣ Bluetooth® wireless communication (AT27Q-SB)

DURABILITY

- ▣ IP42 dust- and water-resistant protection
- ▣ Five-year warranty on housing
- ▣ Tested to withstand 60 drops onto concrete from 4.9 feet

GT Series



GT Series 1-D and 2-D Wireless Scanners

Advanced performance and durability

HIGH PERFORMANCE

- ▣ Advanced CCD technology
- ▣ High-speed scanning
- ▣ Reliable reading of poorly printed, damaged or dirty codes
- ▣ Reads wide barcodes
- ▣ Batch-reads multiple codes
- ▣ Close-up or distant scanning

USER-FRIENDLY

- ▣ Easy setup with included software
- ▣ Scanning-area visual guide
- ▣ Color LEDs indicate scanning and processing completion or failure
- ▣ Programmable Magic Key™ to select defined functions

FUNCTIONALITY

- ▣ Autosense mode for hands-free operation
- ▣ Bluetooth® wireless communication (GT10B/Q-SB)
- ▣ Program by PC or configuration codes

DURABILITY

- ▣ IP54 dust- and splashproof protection
- ▣ Tested to withstand being dropped onto concrete from 6.5 feet

QB30



QB30 2-D/1-D Stationary Scanner

High-speed, compact, with integrated lighting

HIGH PERFORMANCE

- ▣ Advanced CCD technology
- ▣ High-speed scanning
- ▣ Reads 2-D and 1-D codes
- ▣ Scans twice as fast as previous model
- ▣ Scans moving objects, such as products on a conveyor belt
- ▣ Batch-scans multiple codes
- ▣ White LED reads codes of all colors
- ▣ USB or RS-232 interface
- ▣ Programmable Magic Key™ to select defined functions

COMPACT SIZE

- ▣ Only 2.4 x 2.4 x 1.0 inches
- ▣ Fits in small spaces

- ▣ Wide-angle lens allows installation as close as 1.6 inches from target codes

DURABILITY

- ▣ Rugged, element-resistant construction
- ▣ IP54 dust- and splashproof protection
- ▣ Wide operating temperature of -4 to 50 °F
- ▣ Can be used in a variety of environments, from factory production lines or packaging plants to semi-outdoor entrance gates or kiosks

QK Series



QK Series 2-D/1-D Stationary Scanners

Reads codes displayed on mobile-phone screens

HIGH PERFORMANCE

- ▣ Advanced CCD technology
- ▣ High-speed scanning
- ▣ Reliably reads 2-D and 1-D codes displayed on mobile-phone screens
- ▣ Also reads printed codes
- ▣ Reads mobile-phone LCDs with different contrasts, colors and reflections, even under poor lighting conditions
- ▣ Reads codes even if backlight is dimmed
- ▣ Omnidirectional scanning

USER-FRIENDLY

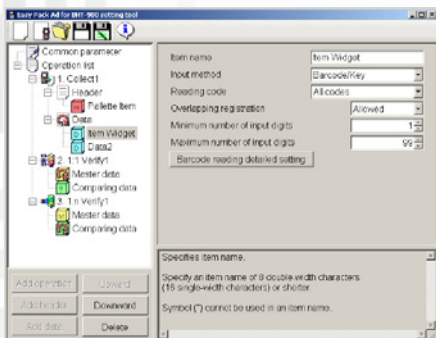
- ▣ Compact, lightweight
- ▣ Can be placed on a table-top or integrated into a kiosk

- ▣ Menu-guided setup and management
- ▣ Program by PC or configuration codes

APPLICATIONS

- ▣ E-ticketing
- ▣ E-coupons and membership cards
- ▣ E-payments
- ▣ Loyalty programs

Software Tools



Software Tools

Support for our scanners and terminals

UTILITY SOFTWARE

To transfer programs and data between a BHT and PC, and to develop applications

- ▣ BHT-BASIC4.0 Development Pack
- ▣ BHT-BASIC4.0 Transfer Utility
- ▣ BHT-BASIC4.0 Transfer Utility DLL Pack
- ▣ BHT-BASIC4.0 Remote Debugger

APPLICATION SOFTWARE

To create specific applications

- ▣ BHT Advanced Pack
- ▣ BHT Easy Pack

OPERATIONS

SUPPORT SOFTWARE

- ▣ BHT Manager

BHT SOFTWARE

- ▣ BHT Setting
- ▣ SQRC Setting

SCANNER SOFTWARE

- ▣ QR_kbif
- ▣ Scanner Setting 1D
- ▣ Scanner Setting 2D
- ▣ Scanner Setting DPM
- ▣ BA Setting
- ▣ SQRC Setting

QRdraw



QRdraw

Software to create 2-D and 1-D codes on a PC

FEATURES

- ▣ Only QR Code software that ensures creation of ISO18004-compliant, optimally readable codes
- ▣ Creates 2-D codes, including QR Code, PDF417, MaxiCode and Data Matrix
- ▣ Creates 1-D codes, including EAN, UPC.ITF, STF, Code 39, Codabar and Code 128, etc.
- ▣ Determines smallest printable QR Code size (including Quiet Zone) for given printing resolution
- ▣ Creates codes in black and white or color
- ▣ Can be embedded into documentation or application software such as Microsoft® Word
- ▣ Command buttons for error-correction level and other code parameters
- ▣ OLE automation allows creation of code symbols via macro languages (Microsoft Excel, Access, etc.)
- ▣ Save files as Vector (WMF) or BMP, JPG, TIF, etc.
- ▣ Download application, purchase key and immediately start creating codes

DENSO



I N V E N T O R O F T H E Q R C O D E ®



About DENSO ADC

DENSO ADC is the Americas sales arm of DENSO Wave Incorporated, a pioneer of CCD technology and inventor of the revolutionary QR Code®. DENSO Wave is among the world's largest manufacturers of mobile data-capture systems.

DENSO ADC offers a wide range of advanced 1-D and 2-D handheld barcode terminals, scanners and support software, including next-generation QR Code technology. The company also offers the industry's only QR Code software that ensures ISO-compliant, optimally readable codes.

DENSO ADC
3900 Via Oro Avenue
Long Beach, CA 90810
888-MY-DENSO (888-693-3676)
denso-adc@densodrive.com
www.denso-adc.com

