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Scanning and Verifying Systems

Bar Code Scanning and Data Capture Devices Manufactured by



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Metrologic Instruments, Inc. designs, manufactures and markets barcode scanning and high-speed automated data capture systems using laser, holographic and vision-based technologies. Metrologic provides expertise in 1D and 2D barcode reading, portable data collection, optical character recognition, image lift, and parcel dimensioning and singulation detection for customers in retail, commercial, manufacturing, transportation and logistics, and parcel delivery industries. In addition to its extensive line of bar code scanning and vision system equipment, the company also provides laser beam delivery and control systems, as well as a variety of highly sophisticated optical systems used by the commercial, government, and scientific communities.

The Metrologic product line for scanning includes hand-held, in-counter and fixed projection scanners for point-of-sale applications; cordless, or wearable for remote scanning, laser scan engines for O. E. M.s, portable data terminals, and laser and holographic scanners for industrial applications.

Hand-Held Scanners

MS1633 FocusBT Scanner



Product Line Information

FocusBT is the hand-held area imager that surpasses all wireless 2D scanners by combining Bluetooth connectivity with aggressive FirstFlash scan performance.

Features & Benefits

- FirstFlash
 - Omnidirectional scanning
 - USB Bluetooth Adaptor
 - PowerSave Modes-Power Switch
 - Removable Li-Ion Battery Pack
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MS1690 Focus **Imager**



Product Line Information

MS1690 Focus is a high performance hand-held area imager designed for today's retail and industrial markets.

Features & Benefits

- Automatic stand detection feature for convenient in-stand scanning
 - Captures and transmits sharp images in a variety of outputs: jpg, bmp, tiff
 - Firmware update via Flash ROM
 - Omnidirectional scanning of all standard 1D, PDF417, microPDF, composite, Matrix and Postal Codes
 - Precision target sighting - bright laser line for quick and easy aim and shoot performance
 - Rugged housing - build for the toughest industrial environments
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MS3780 Fusion **Scanner**



Product Line Information

Fusion is an affordable hand-held omnidirectional laser scanner with single-line capability that increases retail checkout system efficiency with its automatic in-stand operation, optionally integrated EAS, and industry leading scan performance.

Features & Benefits

- Primary omnidirectional scan pattern
 - Optional EAS integration
 - Sleep mode with IR wake up
 - Automatic stand detection
 - Secondary single-line scan pattern
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MS5145 Eclipse **Laser Scanner**



Product Line Information

Eclipse is a single-line hand-held laser scanner. Equipped with CodeGate technology Eclipse can easily target the desired bar code and complete the data transmission with a simple press of a button.

Features & Benefits

- Automatic trigger with CodeGate
 - Custom edit bar code data
 - Decodes all standard 1D, RSS-14, RSS Limited, and RSS expanded bar codes
 - Easy programming using Windows software or bar codes
 - OPOS and JPOS system compatible
 - User-replaceable, single cable interface to host
-



MS6720 Fixed-Handheld Scanner

Product Line Information

Metrologic's MS6720 is the first Laser Bar Code Scanner to truly bridge the gap between omni-directional fixed projection and hand-held Scanners. It incorporates fixed projection performance and patented 20-line scan pattern into the comfortable ergonomic styling of the popular hand-helds. With this design Metrologic has engineered a Scanner that transcends any other on the market today. The MS6720 utilizes a unique patented infrared sensor and control scheme for hands-free projection scanning and fatigue reduced hand-held operation. Whether operators choose to present small items to the Scanner or transport the lightweight Scanner to bulkier items the MS6720 is the perfect choice for many applications. Included with the MS6720 Scanner is a stationary stand which is ideal for applications where the MS6720 is being used mostly as a hand-held Scanner. This stand was designed for ease of use while still providing sufficient room for fixed presentation. An optional adjustable stand is also available and provides 7 rotational and 9 tilting positions as well as a removable wall mount cup. The MS6720 features both short-range and long-range activation user-friendly programming reliability and versatility. Operators are sure to appreciate the convenience and flexibility of the MS6720.

Features & Benefits

- Combination hand-held and fixed projection scanner
- Concentrated omnidirectional scan pattern
- Fully automatic scanner operation
- Programmable depth of field
- Superior ergonomics



MS9520 Voyager Handheld Scanner

Product Line Information

With a futuristic design and high-performance scanning technology the MS9520 is clearly the most advanced auto-triggered scanner on the market today. Enabled for both In-stand and Out-of-stand operation Voyager can be used as a hand-held and fixed presentation scanner. The feature-packed Voyager comes equipped with PowerLink user-replaceable cables and power supply MetroSelect one-code programming MetroSet Windows-based software configuration utility Bits n' Pieces data editing utility and an Electronic Article Surveillance (EAS) option. The MS9520 Voyager is perfect for many applications including point-of-sale inventory control and commercial-warehouse applications. With its aggressive performance and comfortable design Voyager is far and away the most advanced scanner on the market today.

Features & Benefits

- Adjustable Stand
- Both hand-held and fixed projection
- Flash ROM with Meteor upgrade utility
- PowerLink, user-replaceable cables
- Short-range and Long range activation
- Supports commonly used interfaces, including USB



MS9521-41 Voyager HD Scanner

Product Line Information

VoyagerHD is a higher performance single line laser bar code scanner capable of scanning high density (3 mil) bar codes.

Features & Benefits

- Automatic trigger operation
- Custom edit the bar code data
- Decodes high density bar codes with a minimum width of 0.076 mm (3.0 mil), as well as all standard 1D, RSS-14 Limited and RSS bar codes
- Easy programming using Windows software or bar codes
- Firmware updates via Flash ROM
- User-replaceable, single cable interface to host



MS9535 VoyagerBT Handheld Scanner

Product Line Information

VoyagerBT is a wireless, laser bar code scanner designed for low to medium throughput Point of Sale (POS) or light warehouse applications where the convenience of a wireless hand held scanner is needed.

Features & Benefits

- 10 meter (33 feet) working range
- Cable-free scanning using Bluetooth technology
- CodeGate data transmission technology ideal for menu scanning
- Stylish recharging station, wall or countertop mounting
- Supports commonly used interfaces including USB
- Up to 14,000 scans per charge



MS9540 Voyager Auto-Triggered Scanner

Product Line Information

With a futuristic design and high-performance scanning technology the MS9540 VoyagerCG is equipped with all of the features of the MS9520 Voyager with the addition of Metrologic's exclusive CodeGate data transmission technology. CodeGate is an intuitive scanning system that is ideal for all scanning applications including Point-of-Sale document processing inventory and menu scanning just to name a few. CodeGate works hand in hand with Metrologic's automatic-triggering scheme. Simply present a bar code to the scanner; place the high-visibility laser line on the bar code then press the CodeGate button to transmit the data to the host system. It's as easy as one two three! Equipped with both In-Stand and Out-of-Stand operation Voyager can be used as both a hand-held and fixed projection scanner. While resting in the stand the CodeGate button is deactivated making VoyagerCG a presentation scanner. The feature-packed Voyager comes equipped with PowerLink user-replaceable cables and power supply MetroSelect one-code programming MetroSet Windows-based software configuration utility Bits n' Pieces data editing utility and an Electronic Article Surveillance (EAS) option. With aggressive performance and lightweight design VoyagerCG is far and away the most advanced scanner on the market today!

Features & Benefits

- Adjustable Stand
- Auto-trigger with CodeGate
- Both hand-held and fixed projection
- Flash ROM with Meteor upgrade utility
- PowerLink, user-replaceable cables
- Short-range and long-range activation



MS9544 VoyagerPDF Scanner

Product Line Information

VoyagerPDF is a handheld bar code scanner capable of decoding all standard 1D, 2D (PDF417), RSS and composite symbologies.

Features & Benefits

- Adjustable stand with auto stand detect
- Automatic trigger operation
- Bright easy to see, easy to aim laser line
- CodeGate data transmission technology ideal for menu scanning on the MS9544
- Decodes 1D and 2D (including RSS, PDF417, PDF417 truncated, microPDF and macroPDF) bar codes
- User-replaceable, single cable interface to host

Hands-Free Scanners

IS4200 Series Scanner



Product Line Information

As a wearable scanner the IS4200 mounts easily and comfortably to the back of an operator's hand. By mounting the scanner to the back of the hand and connecting to a portable data collector the operator is not restricted and can freely move about. The scanner reads bar codes automatically as the operator presents the scanner to the code. Whether used for order picking shipping-receiving or inventory control this simple scanning movement will undoubtedly provide increased flexibility for the operator and ultimately increased productivity. The IS4200 scanner is available in two models: IS4210 is the non-decode model and the IS4220 has built in decoding for applications that use a RS232 Keyboard Wedge Stand Alone Keyboard or Light Pen Emulation communication interface.

Features & Benefits

- Breakaway cable for added safety
- Fully automatic operation
- Hands-free or desktop scanning
- Lightweight and durable
- Short or long range activation



MS3580 QuantumT Scanner

Product Line Information

QuantumT is a compact, versatile, and accurate omnidirectional/ single line bar code scanner. It's rugged, durable and reliable, making it ideal for a variety of retail presentation scanning applications including convenience stores, liquor stores and pharmacies.

Features & Benefits

- Custom configurable scan pattern
- Decodes all standard 1D, RSS-14, RSS Limited, and RSS expanded bar codes
- Easy mounting integration
- Fully automatic scanning operation
- OPOS and JPOS system compatible
- Single-line mode for menu reading
- User-replaceable, single cable interface to host



MS7120 Orbit Presentation Scanner

Product Line Information

Designed for applications where counter space is at a premium Orbit is the ideal Presentation Scanner for retail convenience liquor and specialty stores. In addition Orbit's unique contoured shape allows it to be picked up and used as a hand-held when scanning large or bulky items. Engineered with a large easy-to-find sweet spot Orbit increases first pass read rate for maximum productivity. The scanning head can be tilted vertically a full 30% for added flexibility when scanning various sized objects. Orbit has a patented 20-line omnidirectional scan pattern that produces 1200 scan lines per second. These features increase the scanning throughput without increasing Orbit's size. Orbit is engineered for easy configuration and utilizes user-replaceable cables in order to meet the multiple application needs across the many markets it serves. Data editing or parsing is also a standard feature. Parsing enables the encoded information to be manipulated to meet the host system's requirements.

Features & Benefits

- 7 beeper tones
- Bits and Pieces data editing
- Fully automatic scanning operation
- MetroSet and MetroSelect configuration
- PowerLink, user-replaceable cables
- Programmable depth of field



MS7180 OrbitCG Scanner

Product Line Information

OrbitCG provides a stylish solution for omnidirectional and menu-scanning applications where counter space is at a premium.

Features & Benefits

- Adjustable scan head
 - EAS
 - 20 scan line omni-directional pattern
 - Single Line Option
 - Flash ROM
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MS7220 Argusscan Omnidirectional Scanner

Product Line Information

The MS7220 Argusscan is an aggressive omni-directional laser bar code scanner ideal for retail convenience liquor grocery and specialty stores. Because it is engineered with a large high speed scan area and a bright 650 nm laser Argusscan boasts exceptionally high first pass read accuracy for maximum productivity. Offering four stand configurations the Argusscan is adaptable to a variety of applications. The modular design allows it to be mounted either horizontally or vertically and a flexible post can be added raising the scanner an additional 76 mm (3 Inch). Combine this with the MS7220's programmable depth of field and the Argusscan can be customized to meet the requirements of even the most unique scanning environment.

Features & Benefits

- Easy to set up and configure
 - Four stand configurations
 - Fully automatic scanning operation
 - Programmable depth of field
 - RS232 auxiliary port for adding peripherals
 - User-replaceable cables
-



MS7320 InVista Scanner

Product Line Information

Metrologic's MS7320 InVista offers an outstanding combination of features versatility performance and durability. This fixed mount laser bar code scanner provides ease of use and high throughput speeds by featuring a large dynamic and aggressive scan volume. InVista scanners are sure to provide a positive influence on the productivity of your check out operations by minimizing operator effort and increasing check out speed. Each InVista is shipped with an integrated EAS deactivation antenna that provides simultaneous scanning and deactivation of security tags, which are used to reduce shrink in retail applications. With a field-replaceable outer window damaged windows can now be changed easily eliminating the need to send the entire unit back for repair. The small footprint takes up minimal counter space while maximizing flexibility with the use of the multi-positioning stand. The setup and integration are simplified by using bar code menus or Windows based software. Supporting multiple interfaces InVista is compatible with almost every POS system currently on the market. The RS232 auxiliary port allows for hand held scanners or other peripherals to be connected quickly and easily. With all of the outstanding features end-users are ensured this scanner will meet the present and future needs of the scanning environments for which it is designed - grocery stores convenience stores supermarkets pharmacies and specialty stores.

Features & Benefits

- Automatic Scanning Operation
 - Custom edit the bar code data
 - EAS deactivation antenna is standard
 - Firmware updates via Flash ROM
 - OPOS and JPOS system compatible
 - Powerlink, user replaceable cables
 - Supports commonly used interfaces including USB and Keyboard Wedge
-

In-Counter Scanners



MS202x Series Stratos Scanner-Scale

Product Line Information

Stratos is revolutionary 6-sided bi-optic in counter scanner/scale designed for the most demanding high volume supermarket and point of sale applications.

Features & Benefits

- Decodes RSS-14, RSS Limited and RSS Expanded emerging symbologies in addition to all standard 1D bar codes
 - Factory integrated or field upgradeable scale
 - Field replaceable optical scanning modules can be replaced in minutes
 - Independent vertical and horizontal scan zones
 - Visual diagnostic indicator provides immediate, easy-to-read feedback on scanner condition
-



MS2122 StratosE Scanner

Product Line Information

StratosE is a high performance in-counter bi-optic scanner designed for supermarket and POS applications having narrow enclosures around the vertical tower.

Features & Benefits

- Accommodates checkstands incorporating narrow enclosures around the vertical tower
 - Built-in decoding of 1D and RSS bar codes
 - Easy to install - fits standard counter openings
 - Lowest below counter dimensions of all 6-sided bi-optic scanners
 - StratosSCAN 360 degrees, 6 sided scanning technology
 - StratosSCOPE visual diagnostic indicator-for easy maintenance
 - StratosSHERE advanced decoding software to further increase first pass scanning
 - StratosSWAP field replaceable optical scanning modules - for fast, easy onsite repair
 - StratosSYNC independent scanning technology
-



MS2200 Series StratosS Scanner-Scale

Product Line Information

MS2200 series StratosS is Metrologic's newest addition to the Stratos family of bi-optic scanner/scales. The 2200 series is a high throughput, slim line, bi-optic scanner/scale for seated and space constrained checkout environments. The patented modular design provides ease of set up and quick maintenance, ensuring minimum down time and maximum customer service.

Features & Benefits

- Multiple Interface Capability
 - StratosSCHOOL - operator training software
 - 5-sided, 360 scanning
 - StratosSWAP - field replaceable optical scanning modules
 - StratosSYNC - vertical and horizontal scanning zones
-



MS232x series StratosH

Product Line Information

Stratos is a high performance in-counter bi-optic scanner/scale designed for the most demanding high volume supermarket and point of sale applications.

Features & Benefits

- Accommodates checkstands incorporating narrow enclosures around the vertical tower
 - Built-in decoding of 1D and RSS bar codes
 - Easy to install - fits standard counter openings
 - Lowest below counter dimensions of all 6-sided bi-optic scanners
 - StratosSCAN 360 degrees, 6 sided scanning technology
 - StratosSCOPE visual diagnostic indicator-for easy maintenance
 - StratosSHERE advanced decoding software to further increase first pass scanning
 - StratosSWAP field replaceable optical scanning modules - for fast, easy onsite repair
 - StratosSYNC independent scanning technology
-



MS7600 Series Horizon Laser Scanner

Product Line Information

Metrologic's MS7600 Series Horizon is Metrologic's next generation in-counter laser bar code scanner. This compact hands-free scanner is designed with a dense 20 line omnidirectional scan pattern that helps provide fast efficient throughput with a high first-pass read rate. Each Horizon is equipped with an integrated EAS deactivation antenna. The EAS security tag designed to reduce shrink is deactivated and the bar code is scanned with a single pass. These simultaneous operations help improve operator comfort and increase throughput. To further enhance operator efficiency and productivity Horizon is equipped with IR laser activation. This allows the user to wake the unit from a power save or sleep mode and read a bar code instantaneously without any delay. Each Horizon includes an RS232 auxiliary port that allows for hand held bar code scanners to be connected providing easy scanning of bulky over-sized objects. Other peripherals such as check readers or magnetic stripe readers can also utilize the flexibility of the auxiliary port. The Horizon also offers multiple interfaces and data editing making it compatible with almost every POS system on the market today. The combination of performance ruggedness and a myriad of features make the Horizon an ideal choice for grocery retail coupon redemption and a multitude of applications.

Features & Benefits

- Available with either a stainless steel or a high impact plastic top plate
- Durable Die-cast construction
- EAS deactivation antenna is standard
- Firmware updates via Flash ROM
- Fully automatic scanning operation
- OPOS and JPOS system compatible
- PowerLink, user-replaceable cables

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- **Contact Label Specialties, Inc. for detailed information on any of the preceding products from Metrologic**



(Please Include Model Number)

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