NEW PRODUCTS

BROCHURE 2019

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◆DATALOGIC

EMPOWER YOUR VISION

TRACEABILITY SOLUTIONS

POWER SCAN™ 9100 SERIES
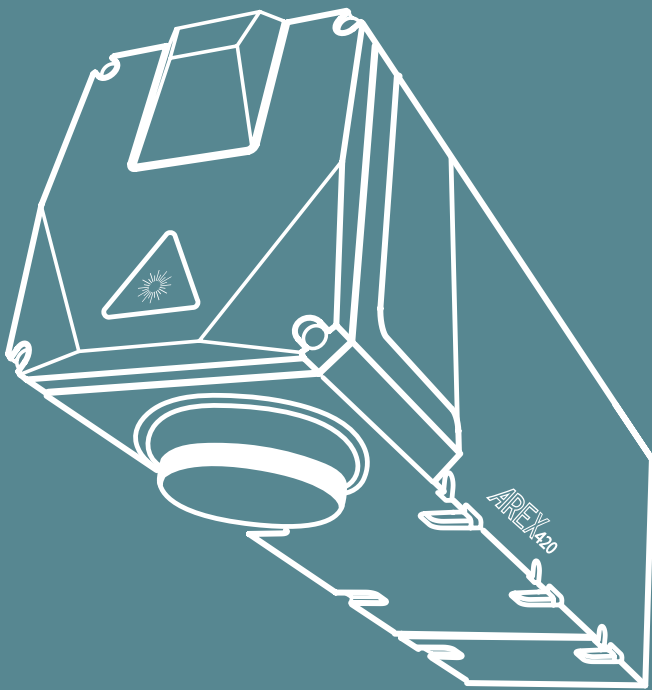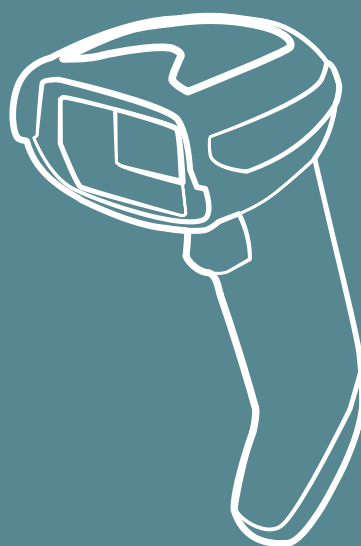
DATALOGIC TECHNOLOGY ON LINEAR CODES
New innovative Datalogic technology provides a green scanning line delivering the same crisp definition of a laser line with the added benefits of a linear imager. The result is outstanding 1D decoding capability.

READING CAPABILITY
Extended reading range. Capability of decoding low contrasting bar codes up to 15% PCS, including damaged or poorly printed bar codes, and high resolution bar codes up to 2.5 mils.
Ability to read LCD screens on mobile devices.

RUGGEDNESS AND ERGONOMY COMBINATION
The PowerScan 9100 series shares the rugged, ergonomic housing of all PowerScan scanners that are built to offer durability in tough environments.

FULL CONNECTIVITY
The PowerScan 9100 Corded and Cordless is available with Standard Multi-Interface: USB-KBD, USB-COM, USBOEM, RS-232. Moreover through the BC9180 base it implements Ethernet connectivity: Telnet, Web Server, Data Socket, Ethernet/IP

A FULL SUITE OF MODELS
The PowerScan 9100 family is available in a full suite of models to provide the best solution for different customer needs: corded desk models; cordless models featuring Datalogic's STAR Cordless System™ proprietary radio or Bluetooth® wireless technology.
The PowerScan series is also available as a 2D IMAGER and a DPM version.

Features & benefits

- New Linear Imaging Technology
- Ability to scan from LCD screens
- Decodes low contrast codes up to 15% PCS
- Resolution up to 2.5 mils
- Datalogic's STAR Cordless System 2.0 proprietary narrow band radio
- 3-second battery replacement
- Datalogic's 3GL™ Technology (3 Green Lights) Good-Read Feedback

Applications

- Work-in-progress
- Sub-assembly
- Component tracking
- Quality control
- Line inventory control

POWERSCAN™ 9500-DPM SERIES

DPM TECHNOLOGY
Direct Part Marking (DPM) is a process that allows users to imprint a bar code directly on an item instead of printing the code on a paper label. Different technologies are available to directly mark objects: laser/chemical etching, dot peening and ink jet printing. The PowerScan 9500-DPM product series are rugged handheld area imagers specifically addressed and capable of reading codes marked with any type of DPM.

READING CAPABILITIES
The PowerScan DPM series from Datalogic make the reading of codes with DPM easy and intuitive. The typical reading distance is from contact to 4.5 cm / 1.7 in, depending on the DPM technology used, the code resolution and the material and surface type. The scanner is also capable of reading standard bar codes on printed labels.
A soft pulsed white illumination light results in reduced flashes and is very gentle to the eyes.

FULL CONNECTIVITY
The PowerScan 9500 Corded and Cordless is available with Standard Multi-Interface: USB-KBD, USB-COM, USBOEM, RS-232. Moreover through the BC9180 base it implements Ethernet connectivity: Telnet, Web Server, Data Socket, Ethernet/IP

MOTIONIX™ MOTION-SENSING TECHNOLOGY
Datalogic's Motionix motion-sensing technology detects the natural actions of the operator to automatically switch the scanner into the desired scanning mode.
The PowerScan series are also available in Linear Imager and Auto Range models.

Features & benefits

- Dimensions: 21.2 x 11.0 x 7.4 cm/8.3 x 4.3 x 2.9 in
- Weight: 330.0 g/11.6 oz
- Interfaces: RS-232/USB/Keyboard Wedge Multi-Interface
- Operating Temperature: -20 to 50 °C/-4 to 122 °F
- Current Operating (Typical): 350 mA;
- Standby/Idle (Typical): 120 mA
- Input Voltage: 5 VDC +/- 10%
- Datalogic STAR Cordless System™ for narrow-band radio communications

- Resolution (Maximum): 1D Codes: 2.5 mil; 2D Codes: 4 mil
- Decoding Capability: all most common 1D and 2D codes
- Datalogic's Motionix motion-sensing technology
- Image capture
- Datalogic's 3GL™ (3 Green Lights) technology and loud beeper for good-read feedback
- Water and Particulate Sealing Rating: IP65

Applications

- Work-in-progress
- Sub-assembly
- Component tracking
- Quality control
- Line inventory control

TRACEABILITY SOLUTIONS

EXTENDED READING RANGE WITH POWERFUL AUTOFOCUS SYSTEM
The PowerScan 9501 Auto Range model is a hand held industrial scanner with area imaging technology that can read 1D/2D bar codes with an extended reading range. Its' powerful autofocus system allows the scanner to read from a short distance of 10 cm to a distance of more than 15 m depending on code resolution with a fast focus adjustment, allowing the operator to move from scanning a close-up code up to reading the top of a warehouse rack.

EASY IDENTIFICATION OF THE AIMING CODE
A powerful LED lighting system projects a regular pattern with sharp edges and can be used as a field of view indicator for close up codes. The laser aiming technology enables the visibility of the scanner aimer even at long distances.

THE BEST SOLUTION FOR DARK ENVIRONMENTS
The PowerScan 9501 AR is optimized for dark environments where illumination conditions are very poor.

CODE RESOLUTION
The 9501 Auto Range series covers a wide range of code resolutions, being able to reach 3 mils for linear codes and 4 mils for 2D codes.

RUGGEDNESS
The 9501 AR series shares the rugged, ergonomic housing of all PowerScan scanners that are built to offer durability in tough environments.

Features & benefits

- Dimensions: 21.2 x 11.0 x 7.4 cm / 8.3 x 4.3 x 2.9 in
- Weight: 390.0 g / 13.8 oz
- Interfaces: RS-232/USB/Keyboard Wedge Multi-Interface
- Particulate and water sealing: IP65
- Temperature operating: -20 to 50 °C / -4 to 122 °F
- Electrical current: Operating (Max Reading) 500 mA
- Input voltage: 4.5 - 30 VDC
- Resolution (maximum): 1D Codes: 3 mil; 2D Codes: 4 mil
- New Datalogic proprietary scan engine with extra-long range capabilities

- Fast autofocus system
- Optimized for dark environments
- Ability to scan from LCD screens
- Decodes up to 3 mils
- Datalogic's STAR Cordless System 2.0 proprietary narrow band radio
- 3-second battery replacement
- Datalogic's 3GL™ Technology (3 Green Lights) Good-Read Feedback

Applications

- Picking
- Forklift applications
- VMT Integration
- Warehouse management

The new Fieldbus Converter is a compact-size industrial gateway to integrate all Datalogic PowerScan™ readers and cradles into industrial control systems. Additionally, the FBC9080 Fieldbus Converter allows the connection of any devices equipped with a standard RS-232 communication interface into Profinet IO and Ethernet IP networks.

With the FBC9080, Datalogic's hand held scanners add industrial fieldbus connectivity to be connected to the most common PLC.
The FBC9080-N100 Gateway provides an easy way to connect Datalogic scanners and cradles to any PLC with PROFINET IO support.
Similarly, the FBC9080-N200 Gateway provides an easy way to connect many Datalogic devices to any PLC with EtherNet/IP IO support.

The Fieldbus Converter FBC9080 includes different installation options and is equipped with a dual port switch. The industrial M12 connectors and the IP65 protection are perfect to use in demanding industrial Ethernet applications.
The Fieldbus Converter FBC9080 can be used with all PowerScan PD9XXX devices as well as with Base Chargers BC9X30. The reading device and the FBC9080-Nx00 are easily configurable with Datalogic's Aladdin™ software tool. A USB connector and a rotary switch located under the cover cap are accessible for this purpose.

Features & benefits

- Serial to PROFINET, EtherNet/IP, Ethernet TCP/IP industrial gateway
- Industrial M12 connectors
- IP65 rated industrial design
- Integrated dual port switch
- Visible Power, Communication and I/O indicators
- Flexible mounting
- Datalogic's Aladdin™ software for device configuration

Applications

- Manufacturing Automotive and Electronics, Food, Packaging and Logistics
- Warehouse / Logistic Centers

◇ DATALOGIC

WIRELESS CHARGING
CONTACTLESS, QUICK, CAREFREE

The Gryphon™ I 4500 2D series represents the premium range of hand held imagers from Datalogic for general purpose applications. The GD4500 scanner is the desk (corded) version, available in the standard and with an All-in-One Permanent Base form factor. The 4500 Series introduces for the first time in the hand held sector an innovative and contactless 'wireless charging system' for the wireless models. The GBT4500 model is the wireless version with Bluetooth® technology and the GM4500 model is the wireless version featuring Datalogic's STAR Cordless System™ narrow band radio.

The Gryphon 4500 series stands out with an elegant and trendy design, user friendly ergonomics and features the most advanced megapixel sensor with warm-white-illumination 2D technology for outstanding performance.

The Gryphon 4500 omnidirectional imager provides snappy reading performance on all common 1D and 2D codes. High Density (HD) models are available for reading smaller, condensed codes as well as Dot codes. A dedicated version with red illumination optics supports also Digital Watermarking.

The Gryphon 4500 imagers are also available in Healthcare models featuring disinfectant-ready and anti-microbial enclosures for applications in the Healthcare industry.

Features & benefits

- Megapixel performance and distinctive white-illumination technology for superior scanning and depth of field
- Image capture and document scanning capabilities
- Ultimate design and user-friendly ergonomics
- Wireless battery charging system - no contacts means no need for contact cleaning or maintenance procedures
- Choice of Bluetooth wireless technology v4.0 with BLE or Datalogic's STAR Cordless System (radio frequencies available in 433 MHz or 910 MHz)
- Adjustable position cradle with scan-while-charging capability allows desk, wall and presentation options
- Powerful long lasting Lithium-Ion battery allows up to 80,000 reads per charge and up to more than 80 hours of continuous operating time
- Dedicated models for Healthcare have been specifically developed with Disinfectant-Ready enclosures treated with anti-microbial additives

Applications

- Retail: Point of Sale Checkout (food and non-food)
- Light Manufacturing: Quality verification
- Hospital: Bedside Care, Admittance, Clinical Lab
- Pharmacy: Drug Verification, Payment
- Commercial Services: Postal, Bank, Public Administration, Utilities, Access Control, Transportation and Entertainment

As a cutting edge OCR vision tool, Advanced OCR ensures the most robust and reliable recognition of hard to read characters under difficult conditions, such us non-uniform backgrounds, variable light conditions and curved surfaces.

Advanced OCR is the best solution for reading ink-jet printed dot matrix strings on package labels and embossed characters, raised or lowered on the product surface, respectively in the Food & Beverage and Automotive industries.

The Advanced OCR tool is only one tool in our offering to help OCR and OCV applications. One algorithm does not fit all situations when it comes to reliably reading characters. By creating our own patented algorithm we are able to read previously un-readable characters.

Features & benefits

- Software Required: IMPACT Software with Enhanced License
- Supported hardware: MX-E20, MX-E40, MX-E80, MX-U81 vision processors.
- Camera Support: Wide Range of Gig-E or USB3 cameras from VGA to 20MP resolution
- Highly effective with low contrast characters (DPM strings) and distorted printings
- Extremely robust and reliable OCR with variable background or corrupted by noise
- Robust OCR of dot matrix characters even when slanted and badly spaced
- Robust reading with difficult lighting conditions
- Strongly effective with no flat surfaces (i.e., cans, bottles, etc.), easily perishable labels (i.e., ink jet printed) and distorted printings

Applications

- Packaging: OCR – Advanced OCR tool allows the user to verify expiration dates, lot and batch numbers
- Automotive: OCR – Advanced OCR tool enables identification of serial numbers and thus the traceability of mechanical parts and components

MOBILITY SOLUTIONS

MOBILITY SOLUTIONS

MEMOR™ 1

WIRELESS CHARGING
CONTACTLESS, QUICK, CAREFREE
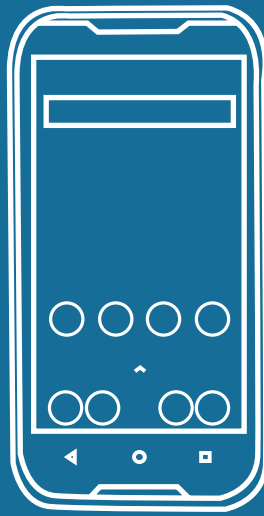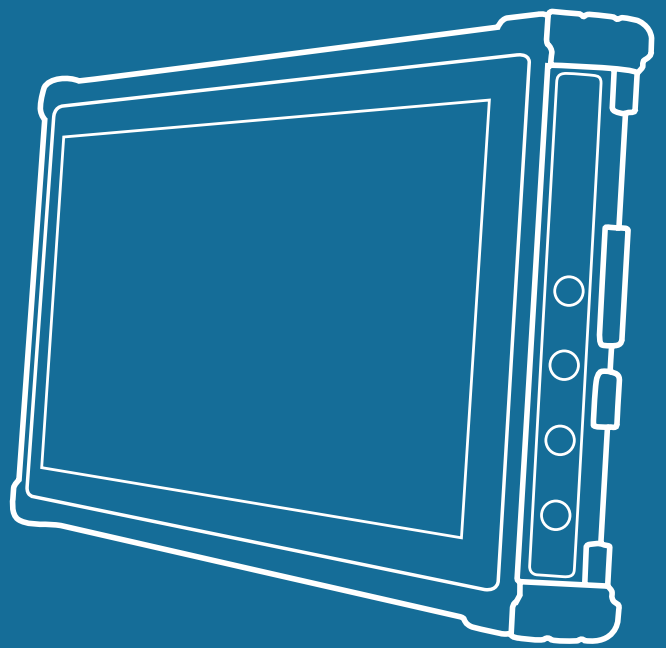
The Memor 1 device comes with a powerful Qualcomm Snapdragon platform and features Android™ 8.1 (Oreo) with GMS. This device is available in two form factors: a hand held version resembling a rugged smartphone or a pistol-grip version with a comfortable trigger. The robust black enclosure allows this device to be used in most any application.

The Memor 1 device is charged using state-of-the-art wireless charging technology that eliminates the need for cleaning contacts on the device and cradles. It radically reduces support costs and increases its life span. The Memor 1 device can also be used as a phone or PTT device using the Voice over Internet Protocol (VoIP), leveraging your Wi-Fi network for communications.

Features & benefits

- Display: 4.3 inch full touch TFT-LCD color display; FWVGA: 854 x 480 pixels; 16M colors, LED backlight
- 2 form factors
- Memory: System RAM: 2 GB; System Flash: 16 GB Flash Disk
- Operating System: Android 8.1 (Oreo) with GMS
- Multi-purpose device: hand held or pistol-grip
- Wireless charging eliminates all contacts on the device and cradle
- Presentation mode allows hands-free scanning
- Advanced 2D imaging technology with image capture
- 4.3 inch capacitive multi-touch FWVGA display with Gorilla® Glass 3
- Supports both Boost and Fast charging modes

Applications

- Retail (Inventory, Access Control, Assisted Sales)
- Manufacturing (Quality Control, Inventory)
- Logistics (Inventory, Picking/Packing, Shipping/Receiving, Track & Trace)

MEMOR™ 10

WIRELESS CHARGING
CONTACTLESS, QUICK, CAREFREE

The Memor 10 incorporates the latest smartphone technologies and the user friendly experience of Android™ in a slim and compact design, combined with high performance 1D/2D bar code scanning and industrial robustness for almost any indoor or outdoor environment.
The Memor 10 is powered by a superior octa-core platform clocked at 2 GHz for top performance with the most demanding applications, and features Android 8.1 (Oreo) with Google Mobile Services (GMS).
Moreover, the Memor 10 is one of the first rugged mobile computers to be validated by Google for the 'Android Enterprise Recommended' program for rugged devices.
The Memor 10 incorporates Datalogic's industry-first wireless charging system for ultra-reliable contactless charging, thus eliminating the need for cleaning contacts on the device and docks.
Additionally, Memor 10 offers a 1-piece swappable battery for the best operational advantage.

Features & benefits

- Memory: System RAM: 3 GB; eMMC Flash: 32 GB
- Expansion Slots: Micro-SD card slot: Compatible with Micro SD-HC cards; Data transfer up to 48 Mbps; User-accessible
- Microprocessor: 2 GHz Octa-core
- Operating System: Android v8.1 with GMS
- Display: 5 inch IPS HD resolution 720 x 1280; LED backlight; Touch Screen: 5 points multi-touch capacitive panel with Dragontrail hardened glass
- WLAN: IEEE 802.11 a/b/g/n/ac and 802.11 k/r/v; Frequency range: Country dependent, typically 2.4GHz and 5GHz bands
- WPAN: Bluetooth wireless technology v4.2 (Classic Bluetooth wireless technology and BLE)

- Android 8.1 (Oreo) with Google Mobile Services
- Wireless charging eliminates all contacts on the device and cradle
- Dual band Wi-Fi including the latest 802.11ac standard and 802.11r/k for fast roaming
- Full suite of cellular connectivity for voice and data, featuring LTE-Advanced/4G+
- Assisted GPS for location based apps
- NFC for proximity communications

Applications

- Retail (Sales, Inventory, Access Control)
- T&L (Route Accounting, Deliveries, Management)
- Manufacturing (Production/Quality Control, Inventory)
- Healthcare (Pharmacy, Bedside Care, Inventory, Labs)

DATALOGIC SHIELD

Subscription for predictable, recurring Android software updates*:
- Includes quarterly security patches based on the Android Security Bulletins: https://source.android.com/security/bulletin
- Includes firmware fixes and enhancements
- Android major version (dessert) upgrades included
- Support for 2 years after device's end of sale
- 12 month transition support for prior Android versions
- Automatic customer notifications of new updates

* Subject to Datalogic Shield or Ease of Care Terms & Conditions

DATALOGIC SHIELD

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SKORPIO™ X4

The Skorpio X4 mobile computer features a high performance multicore 1 GHz architecture that offers blazing speed when running Windows Embedded Compact OS and allows easy upgradeability to the Android OS. Users will never run out of memory with the standard 1 GB RAM and 8 GB Flash. Equipped with the largest high-visibility 3.2 inch color display touch screen in its class. Three different keyboards are available for maximum efficiency: a 50-key alphanumeric keypad, a 38-key functional keypad and a 28-key numeric keypad.

The Skorpio X4 mobile computer's wireless communication capabilities (802.11 a/b/g/n) enables speedy transmission of data, while Bluetooth® wireless technology v4 provides support for the new low energy mode (BLE). The new MIMO antennas provide extended coverage.

Features & benefits

- 2 Operative Systems: Windows and Android
- TI OMAP 4 @1 Ghz CPU
- 1 GB RAM/8 GB ROM
- IP64 – 1.8 m / 6.0 ft drop specs
- 2 form factors
- 1D/2D scan engine
- 3 choices of keyboards
- 2 choices of Operating Systems
- Robust and ideal for harsh environments
- Pistol grip and hand held models
- 1D and 2D choices of scan engine
- Standard and extended battery
- One bay and multi-bay cradles (with Ethernet)

Applications

- Inventory
- Ordering
- Shipping/Receiving
- Quality control
- Picking

FALCON™ X4

The Falcon™ X4 mobile computer features a high performance multicore 1 GHz architecture that offers blazing speed when running Windows Embedded Compact OS and allows easy upgradeability to the Android™ OS.
Capture bar codes using Datalogic 1D and 2D imaging technologies. Communicate over a superior TI 802.11 a/b/g/n radio with CCX v4 compliance and MIMO technology for improved connectivity and coverage, or through wired standards including USB Hi-Speed, RS-232, Modem and Ethernet. Bluetooth® wireless
technology v4 provides support for the new low energy mode (BLE) and for improved voice recognition via wide band audio.
With the best ergonomics in this market segment, the Falcon X4 mobile computer reduces operator fatigue with no compromise in terms of reliability and robustness, resisting harsh environments, repeated drops, strong shocks and repetitive tumbles.

Features & benefits

- WLAN: TI Wi-Link 8, IEEE 802.11a/b/g/n; Frequency Range: Country dependent, typically 2.4 and 5 GHz; Cisco CCX v4 compliant
- WPAN: Bluetooth wireless technology v4 with BLE (Android models); Bluetooth v2.1 + EDR (WEC7 models)
- Audio: Integrated microphone, high-volume speaker
- Two models available: Hand Held and Pistol Grip
- Display: Reflective TFT daylight readable color display, 240 x 320 pixels, 8.9 cm / 3.5 in diagonal, 65K colors, backlight, touchscreen
- Keyboard: Polycarbonate hard cap keyboards with backlight; 29-key numeric, 29-key functional numeric or 52-key alphanumeric with discrete navigation
- Choice of Microsoft Windows Embedded Compact 7 or Android v4.4

- New **Auto Range** scanning capability up to 17 m / 55 ft providing superior performance for extended range applications
- TI 802.11 a/b/g/n radio with CCX v4 compliance and featuring MIMO antenna technology
- 1 GB RAM / 8 GB Flash memory
- Bluetooth wireless technology v4.0 with BLE (low energy) and Wide Band Audio for improved speech recognition (Android models only)
- Corning® Gorilla® Glass 3 scan window
- Full-shift hot swappable battery
- 3.5 inch touchscreen display
- Ruggedized with 1.8 m / 6.0 ft drop to concrete and IP65 sealing rating
- Choice of 1D or 2D imagers featuring Datalogic's patented 'Green Spot' technology

Applications

- Warehouse and Distribution Centers: Retail, Wholesale, Manufacturing, Automotive/ Industrial, Electronics, Food/Beverage, Consumer Products, Pharmaceutical, Third Party Logistics (3PL)

MOBILITY SOLUTIONS

TASKBOOK™

RUGGED TABLET
Available in two form factors of 7 inch and 10 inch with a sealed design tested to IP65 and resistant at 1.2 m / 4 ft drop, the TaskBook represents the perfect rugged tablet for indoor warehouses operations.

SINGLE HAND OPERATIONS
Attaching its handgrip with an integrated XLR 2D imager and hot swappable battery, the TaskBook allows single handed scanning operations in the most efficient and comfortable way. A great mechanical design ensures a great balancing on the arm while guaranteeing easy and quick operations during scanning and battery swap.

VEHICLE MOUNT SOLUTION AS WELL
The TaskBook can also be quickly converted in a vehicle mounted solution perfect for small forklifts or for those without a battery. Its docking station, available with both DC and AC power supply, allows to dock the device on a forklift in few seconds with a single hand operation while offering a seamless integration with the forklift itself.

Features & benefits

- Wi-Fi: 802.11 a/b/g/n/ac/r (2.4 GHz and 5 GHz)
- Handgrip: Mobile handgrip with optional hot swappable battery and Standard or XLR 2D imager; Standard range up to 1.1 m / 43 inches; Extra-long range up to 15 m / 50 ft
- Operating System: Windows 10 IoT
- Processor: Intel Atom E3826 Dual Core 1.46 GHz;
- Memory: RAM: 4 GB
- Storage: 32 GB CFast SSD (optional 64/128 GB)
- Dock Station with AC or DC power supply, 2 x USB, 1 x Ethernet, 1 x RS-232

- Sealed to IP65 protection class
- 1.2 m / 4 ft drop resistant without any need for additional accessory
- Anti-reflective Gorilla® Glass
- Handgrip with Standard or Extra Long Range imager
- Hot swappable battery for 24/7 operations
- Wi-Fi: 802.11 a/b/g/n, CCX v4 with diversity antennas
- Bluetooth® v4.0 Wireless Technology
- Dock Station with AC or DC Power Supply

Applications

- Warehousing and Distribution: Inventory, Picking, Shipping/ Receiving, Put away, Cross docking
- Transportation & Logistics: Harsh outdoor environments
- Manufacturing Shop Floor: Process control, quality control
- Public Safety: In-vehicle applications (with dock station)

SH15/SH21

INDUSTRIAL COMPUTERS
SH15 Blackline and SH21 Blackline are the latest generation of industrial computers providing extreme reliability under the toughest conditions. Targeted for warehouse and factory shop floor applications, these industrial touchscreen computers can be used for fixed applications and in the case of SH15, also for vehicle applications where a rugged and sealed device is mandatory.

PERFORMANCE AND RUGGEDNESS
These Blackline computers preserve all the rugged features found in the related Rhino II™ VMC: a sealed design tested to IP65/IP67, a capacitive touch display with 3 mm anti-glare armored glass, excellent Wi-Fi roaming capability and much more.

VERSATILITY
The SH15 Blackline computer is a rugged vehicle mount computer (VMC) as well as a fixed mount unit for use in any industrial application. The SH15 Blackline offers the built-in 12-48 VDC or the 110/230 AC power supplies while the SH21 Blackline, mainly designed for wall/fixed mount, offers only the high efficiency 110/230 AC power supply.

Features & benefits

- Wi-Fi: 802.11a/b/g/n (2.4 GHz and 5 GHz)
- Bluetooth Wireless Technology 4.0
- 3 x USB 2.0; 1 x USB 3.0; Serial: 2 x RS-232 (bottom); 1 x Ethernet GbE
- Operating System: Windows 10 IoT
- Processor: Intel Atom E3845 Quad Core 1.91 GHz; Intel i5-5350U Dual Core 1.8 GHz
- Memory: RAM: 4 GB / 16 GB
- Storage: 32 GB CFast SSD (optional 64/128 GB)
- 15 inch or 21 inch high resolution color display
- Integrated high-efficiency power supply for both DC (only SH15) and AC applications
- Anti-glare multi-touch screen, with gloves support
- Wi-Fi: 802.11 a/b/g/n, CCX v4 with diversity antennas
- Bluetooth® v4.0 Wireless Technology

Applications

- Warehousing and Distribution: Inventory, Picking, Shipping/ Receiving, Put away, Cross docking
- Transportation & Logistics: Harsh outdoor environments
- Manufacturing Shop Floor: Process control, quality control
- Public Safety: In-vehicle applications (SH15 only)

◆DATALOGIC

RHINO II™

Android NOW available!

RUGGED VEHICLE MOUNTED COMPUTER
The Rhino II™ vehicle mount computers set the standard for ruggedness in the warehouse. A sealed design tested to IP65/IP67 ensures operation in the toughest environments. A dedicated freezer-rated version allows use in and out of cold storage.

WAREHOUSE MANAGEMENT
Tailored for warehouse management, the Rhino vehicle computer increases productivity through reduced errors during receiving, put-away, picking and shipping activities. Adding a hand held bar code scanner such as Datalogic's PowerScan™ allows for quick data entry and location confirmations.

VERSATILITY
The Rhino vehicle computer is equipped with an internal isolated power supply, ignition sense to automatically control the power, and an optional battery backup for the ultimate protection against data loss. Mounting options include various brackets for the vehicle computer along with external keyboards.

Features & benefits

- Wi-Fi: 802.11a/b/g/n (2.4 GHz & 5 GHz)
- Bluetooth Wireless Technology 4.0
- 3 x USB 2.0; 1 x USB 3.0; Serial: 2 x RS-232 (bottom); 1 x Ethernet GbE
- Operating System: WEC7, Window 7 Emb, Windows 10 IoT or Android
- Processor: Freescale NXP ARM Quad Core: 1 GHz (WEC7 Standard models/Android 7.1); 800 MHz (WEC7 Freezer models); Intel Atom E3826 Dual Core 1.46 GHz (Win7/10)
- Choice of Microsoft and Android™ Operating Systems
- 10 inch or 12 inch high resolution color display
- Anti-glare multi-touch screen, with gloves support
- Wi-Fi: 802.11 a/b/g/n, CCX v4 with diversity antennas
- Bluetooth® v4.0 Wireless Technology
- Wired Ethernet (GbE)

Applications

- Warehousing and Distribution: Inventory, Picking, Shipping/ Receiving
- Transportation & Logistics: Cold storage and harsh outdoor environments
- Manufacturing Shop Floor: Process control, quality control

FORKLIFT SOLUTION

The forklift solution "PowerScan 9XXX + SD9030 dongle + Rhino II" represents the answer for a high efficient all-in-one warehouse solution. Capture, Transfer and Elaborate operations are perfectly and seamlessly integrated in this solution.

When paired with a PM9XXX reader, the SD9030 dongle acts as a base station by providing USB communication to the host represented by the Rhino II vehicle mount computer. This allows bi-directional communication between the dongle and the cordless PowerScan reader implementing all the features of the Datalogic's proprietary STAR 2.0 radio systems: radio coverage up to 100 m with up to 16 different scanners paired at the same antenna.

In this new compact solution it is no longer needed to have the PowerScan Base Station on the forklift with considerable saving in space and efficiency inside the cockpit.

Features & benefits

- 4 Operating Systems
- 2 form factors: 10 inch and 12 inch
- Capacitive Multi touch or Resistive touch panels
- Choice of processor, RAM and storage memory

POWERSCAN
- Decoding Capabilities: 1D / Linear Codes, 2D Codes, Postal Codes, Stacked Codes

SD9030 DONGLE
- Datalogic's STAR Cordless System 2.0 Proprietary Narrow Band Radio
- Up to 16 devices supported by a single dongle and up to 100 m radio range

- Integrated solution '3 in a row' for logistic and intralogistic applications
- Multiple choice of O.S. for an easy integration with the existing system
- Innovative green laser-like technology and outstanding performances on linear codes
- Top industrial grade, full solution IP65 certified
- Datalogic's STAR cordless system 2.0 proprietary narrow band radio
- Compact size receiver and universal bracket for an easy installation
- PowerScan holder specifically designed for Rhino II

Applications

- Warehousing and Distribution: Inventory, Picking, Shipping/ Receiving, Put away, Cross docking
- Transportation & Logistics: Including cold storage and harsh outdoor environments
- Manufacturing Shop Floor: Process control, quality control
- Public Safety: In-vehicle applications

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