Transportation & Logistics Portfolio & Barcode Testing Chart

POCKET GUIDE

DATALOGIC — EMPOWER YOUR VISION

INDUSTRIAL HANDHELD SCANNERS

PowerScan 9600
- Snappy omnidirectional reading on 1D, stacked and 2D codes, postal codes
- Standard Range and High Performance models
- Wireless Charging reducing total cost of ownership
- Water and Particulate Sealing Rating: IP65 and IP67; Cradle IP67; 10 million hits trigger
- Center of gravity design
- Modular cradle design allowing interface expansion
- White light illumination
- High visibility OLED Display with 4-Keys /16-Keys keypad options
- Datalogic's 3GL™ (3 Green Lights) technology and loud beeper for good-read feedback

PowerScan 9100
- Datalogic's linear imaging technology for 1D bar code labels
- Green scanning line with the same definition of a Laser beam
- Outstanding decoding capability on damaged and poor printed barcodes
- Bluetooth and Datalogic proprietary STAR Radio with display and keypad options
- Balanced ergonomics and built to last with its 10 million hits trigger

PowerScan 9500
- Omnidirectional reading on 1D, 2D, Stacked and Postal Codes
- Standard-range and long-range scanning capabilities
- Bluetooth and proprietary Datalogic STAR Radio system with display and keypad options
- Multiple connectivity including Ethernet and Industrial Ethernet
- Specific models for Direct Part Mark codes
- Superior Good Read feedbacks with 3GL technology and Green Spot

GENERAL PURPOSE HANDHELD SCANNERS

Gryphon 4200
- Unique 'soft line viewfinder' to easily target the code
- Bluetooth™ wireless or Datalogic's STAR Cordless System™
- Wireless battery charging system
- Disinfectant Ready enclosures

Gryphon 4500
- Enhanced reading technology for superior scanning and depth of field
- Omnidirectional reading of 1D/2D codes and image capture capability
- Wireless battery charging system
- Disinfectant Ready enclosures

WEARABLE SCANNERS

HandScanner
- Improves productivity saving 4 seconds per scan
- Improves accuracy: up to 33% less errors
- Improves worker ergonomics: weight savings of up to 1.5 tons per shift
- Best performance: megapixel resolution and ability to capture 1D/2D barcodes
- Premium solution compared to a ring scanner: fingers are free to grab items and use tools and device is less exposed to impacts

MOBILE COMPUTERS – PDT

Skorpio X5
- Largest 4.3" high visibility display in its class
- High performance octa-core 2.2 GHz Qualcomm processor up to 4 GB RAM
- Handheld and Pistol-grip form with 3 keyboard layouts
- Fully rugged 1.8 m drop and IP65 rating
- Choice between Wireless Charging or Wired versions with dedicated docks
- Scan engine: 1D Imager, 2D Imager Standard Range, Mid-Range and near/far Extra-Long-Range Imager

Skorpio X4
- High performance multi-core 1 GHz
- Windows Embedded Compact (WEC7) OS and allows easy migration to Android™ models 1 GB RAM and 8 GB Flash.

Falcon X4
- Choice of windows embedded or Android™ operating systems
- Full-shift hot swappable battery
- Choice of 1D or 2D imagers featuring
- Datalogic's patented 'Green Spot' technology, plus new 2D Auto Range option

VEHICLE MOUNT COMPUTERS

Rhino and SH15/SH21
- 10 ,12, 15, 21inch-high resolution color display
- Operating System: WEC7, Windows 7 Emb, Windows 10 IoT or Android 7.1
- Capacitive multi-touch screen with gloves support
- Wide operating temperature range from -20 to 55 °C / -4 to 131 °F (Freezer model from -30 °C / -22 °F)

SD9030 DONGLE
- Reduced dimensions and universal bracket for easy installation
- Datalogic's STAR Cordless System™ 2.0 Proprietary Narrow Band Radio
- Compatible with all PowerScan PM9XXX products
- RGB LED and 'Find Me' button

MOBILE COMPUTERS – PDA

Memor 11
NEW
- Ultra-Ergonomic, compact and robust
- 5 inch brilliant capacitive multi-touch HD display
- Validated by Google as 'Android Enterprise Recommended' for rugged devices
- Wireless charging increases reliability dramatically by eliminating contacts on both the device and docks
- Ruggedized with drop resistance to 1.5 m / 5 ft to concrete and IP65 sealing
- Full suite of cellular connectivity for voice and data, featuring LTE-Advanced/4G+

Memor K
- Ergonomic, very light weight and pocketable size to read 1D and 2D codes in any direction and on any surface, including mobile screens
- Easy-swappable battery for a quick replacement
- Enhanced productivity all over the store: run simultaneous applications smoothly

STATIONARY INDUSTRIAL SCANNERS – DIMENSIONERS

DM3610
- Ultra-high performance, in-motion, overhead dimensioning unit
- Automatically measures the length, width, and height of packages
- Performs highly accurate measurements
- Perfect solution for spatial management applications

STATIONARY INDUSTRIAL SCANNERS – MFDS (MASS FLOW DETECTION SYSTEM)

MFDS
- **Detect** items when touching or running side by side on large conveyor belts (up to 1.5 m)
- **Dimension** items, regular or irregular shaped, LFT certified measurements
- **Decode** barcode information on labels and merge it to the respective item
- **Depict** items by capturing and saving respective images
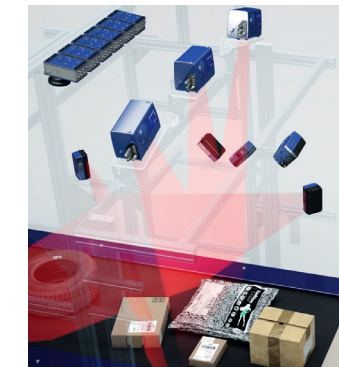
STATIONARY INDUSTRIAL SCANNERS – 2D IMAGER READERS

Matrix 320
- Innovative platform and sensor with the reading station by 50% outstanding Field of View (FoV) and Depth of Filed (DoF)
- Smart configurable lighting solutions with more color options in three power versions and configurable 360 degree multicolor visual feedback
- Liquid lens remote focus control for extreme flexibility in production

Matrix 320 5MP
- Large FOV and amazing DOF for extended reading capabilities
- C-Mount lens for maximum optical configurability, high intrinsic DOF, highest flexibility in the selection and combination of the parts to solve application requirements, reducing feasibility time and cost
- Smart configurable lighting solutions
- New UHP (Ultra High Power) illuminator for challenging applications in term of high speed and code resolution
- Packtrack capability to minimize the gap between objects on conveyor and increase the system productivity

AV500/AV900
- High performance camera (5MPx AV500, 9MPx AV900) with integrated image processing system
- Image saving to external locations through the dedicated high speed Gigabit Ethernet port
- White and Red lighting options
- New generation decode algorithm to read very bad quality label
- Multiple format Image saving from full definition to highly compressed JPG

AV7000
- Single view high quality picture for large conveyors
- Patented Autofocus System offering extended DoF
- Patented PLS technology, reducing the footprint of the reading station by 50

DS8110/DX8210
- Ethernet Bus Connections (EBC) for high-speed data transmission and real time synchronization
- Excellent performance on low quality code and unpredictable reading conditions
- Fully redundant configuration and no single point of failure

STATIONARY INDUSTRIAL SCANNERS – SOFTWARE AND TOOLS

WebSentinel *PLUS*
- Very advanced monitor
- Offers key features, benefits, and insights to end-users and System Integrators specializing in Factory Automation and Transportation and Logistics.

WebSentinel *PLUS Investigator*
- No Read Root Cause Automated aggregation in classes
- Printing Quality Trend evaluation
- Analysis Result at Parcel Level
- Full integration within Websentinel Plus platform

STATIONARY INDUSTRIAL SCANNERS – SYSTEM INTEGRATION

SC5100
- Laser (DS-DX), Imagers (AVs), Dimensioner Native Integration
- 4 GB ETH embedded switch
- 5 inch Graphical Color display and Clear Status LEDS
- Supports Full Redundant Controller Layout

www.datalogic.com

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1D CODES

Code 93 13mils
2165144

Codabar 13mils
9847516

Plessey 8mils
12345678

UPC-A 13mils
0 14149 92996 2

Interleaved 2 of 5 13mils
3571297342

GS1 Databar (RSS) 13 mils
(01) 0 0000123 00001 7

EAN8 13mils
2123 4569

UPC-E 13mils
0 402931 1

Standard 2 of 5 13mils
65791813

EAN13 13mils
6 456813 472345

1D CODES

LONG CODES

ISSN 13mils
ISSN 977-832-26-1345-1
9 778322 613451

Code 128 10mils
2112345678917

Code 39 - Full ASCII 10mils
123abc

Code 128 10mils (35 Digits)
951589752159784151598753140978 45345

ISBN 13mils
ISBN 979-923-45-6421-6
9 799234 564211

GS1-128 13mils
24561239

Code 32 13mils
A056742113

MSI Plessey 10mils
161499967

Code 39 - Regular 13mils
121654

2D CODES

QR Code 15mils

QR Code 5mils

Data Matrix 55mils
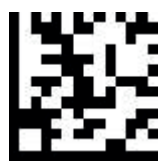
Aztec Code 15mils

EAN • UCC Composite

Micro QR 15mils

Data Matrix 15mils

Data Matrix 100mils

Maxicode
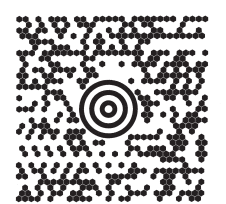
QR Code 3mils

PDF417 10mils

Han Xin Code 15mils

LOW CONTRAST CODES

EAN13 13mils (60% PCS)
0 856813 472363

QR Code 15mils (40% PCS)

EAN13 13mils (30% PCS)
0 856813 472363

QR Code 15mils (25% PCS)

EAN13 13mils (20% PCS)
0 856813 472363

DAMAGED CODES

Code 128 13mils

QR Code
12345678

Code 128
2418457290080006

Data Matrix

Data Matrix

Code 128 13 mils

Code 128 13mils

QR Code

QR Code

Data Matrix

LARGE CAPACITY CODES

QR Code 15mils

INVERSE COLOR CODES

Code 128 13mils

EAN8 13mils
2123 4569

Data Matrix

QR Code 15mils

HIGH DENSITY CODES

Code 39 5mils
85681347236

Code 128 3mils
6541

PDF417 5mils

Data Matrix 5mils