

Data Capture Specialists

Newsletter

March 2010

It is hard to believe that after all the snow, we are almost into April but we hope you manage to find some Spring-like weather and get out in the sunshine to roll your eggs over the Easter weekend.



Improving on efficiency is a great way to see revenues increase. Many companies carry on with old, inefficient equipment that causes as many problems as it solves. In this month's newsletter we are highlighting scanners, there are many options on the market so we have picked a few that stand out and that we think are not only great value for money and will also give you a great return on your investment. Call us on **01259 743424** and we will look for the best options for your requirements

Datalogic GBT 4100 Cordless Linear Imager

The Gryphon™ series represents the premium line of Datalogic Scanning's general purpose data collection products. The GBT 4100 cordless Linear Imager offers the richest feature set among the general purpose products. Datalogic have patented their "Green Spot" technology which gives good read feedback making it ideal for both noisy environments where a "beep" cannot be heard and silent environments where a "beep" is intrusive.

Featuring Bluetooth® Wireless Technology, the Gryphon GBT4100 readers eliminate the need for cables that limit operator movement and create safety concerns in the workplace. The reader can transmit data to the host through its base station as well as to any commercial or embedded Bluetooth® v2.0 compliant device. Datalogic's unique 2-position cradle provides multiple features for the user. When in the 'up' position, this imager can be used as a hands-free or presentation style reader. With the Scan-While-Charging feature, there is never any concern about depleted or dead batteries, ensuring constant up-time for increased productivity.

Features of the Gryphon GBT4100

- Fastest speed-to-read - 325 scans/second
- Bluetooth Wireless Technology with up to 30 m / 98 ft range
- Point-to-point and multi-point transmission
- Two-position cradle with Scan-While-Charging capability
- Batch Mode capability (>1200 codes stored in memory)
- Datalogic 'Green Spot' for good read feedback
- User-replaceable and long lasting Lithium-Ion battery
- Drop resistance to 1.8 m / 5.9 ft
- 33,000 scans per charge Lithium-Ion battery
- The Datalogic Aladdin™ configurator provides user-friendly features that simplify the start-up procedure.
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The LGD 4300 is the corded version. For customers who want the high performance associated with laser scanning technology, the Gryphon LGD4300 scanner is an ideal solution providing longer reading distances, snappy performance with a bright, well-defined scan line.



Poor quality bar codes and low contrast labels with bad edge definition are not a problem for this scanner, plus Datalogic's patented Green Spot provides visual good-read feedback.

The scanner's stylish enclosure, light weight and compact size make it perfect for use in office applications. Light industrial users will appreciate the scanner's toughness. Its rubber-like overmold cushions the scanner when dropped, protects the scan window and prevents the scanner from slipping off counter surfaces. Featuring an IP52 sealing rating, its strong enclosure guards against dust and liquid spills, and anti-shock mounts provide additional protection for the internal scan engine and optics.

A First for Near/Far Handheld Scanning

Intermec have introduced a range of scanners incorporating the EX25 scan engine - the first near/far scan engine.

The EX25 can read and decode bar codes in any orientation, so workers don't need to twist their wrists or the object being scanned to capture the data, saving time and reducing fatigue and injury.

It is capable of reading and decoding 2D bar codes as small as 4 mm, which are common in electronics manufacturing.

It is the first near-far scan engine to read 1D, 2D, composite and postal codes, eliminating the need for multiple scanners.

A special lighting system allows the EX25 to easily read 1D and 2D bar codes in total darkness making it ideal for warehousing where racking cuts down on available light.

Because it can read 1D and 2D bar codes printed on normal, non-reflective paper labels at long range, there is no need to purchase special media for shelf labels.



The **SR61ex** rugged handheld wireless scanner is the first handheld cordless scanner on the market with integrated near/far area imaging technology, offering users the unparalleled flexibility to read multiple symbologies, omni-directionally at distances of 15 cm to over 15 m. It incorporates rugged design with the flexibility and seamless functionality of Bluetooth® wireless communication, with up to 100 feet of range.

The **SR61ex** provides fast and easy communication with Intermec handheld or vehicle mount terminal products and with standard PCs. With no cables to tangle, stretch or break and a it is designed to collect data in physically demanding industrial environments such as manufacturing, warehousing, transportation and logistics.

Fixed Line Scanners

Datalogic DS2100

Rather than hand held scanners you may need fixed line scanners, Datalogic have a great range of compact - 84mm x 68mm x 34mm -1D laser - standard and high resolution, linear and raster scanners to satisfy the needs of manufacturing industries. The DS2100 range is ideal for conveyor sorting, picking systems, item and part tracking, process control and packaging. The range of interfaces includes Ethernet, Profibus, Devicenet and CANopen with options of IP54 or 65.

Features include:

- Embedded ID-NET for high speed scanner connection, allows faster and more efficient data capture.
- High performance optics improves the read rate on damaged barcodes.
- X-PRESS is the intuitive Human Machine interface for ease of installation and maintenance. Status and diagnostic information is clearly presented by means of a 5 LED bar graph.
- GENIUS software tool allows set up via your PC.
- Motor on/off and motor speed are software programmable for energy saving



Motorola LS4278 Laser Scanner

There are many laser scanners on the market but the Motorola LS4278 has several features that make it stand out from the crowd.

- Bluetooth Class 2 ensures secure wireless transmission of data
- Multi-line rastering scan pattern eliminates the need for exact aim to capture the poorest of barcodes
- Long life charging contacts are rated for 250,000+ insertions - common charging techniques show wear at around 10,000 contacts
- Single circuit board eliminates the problem of interconnection between multiple boards
- Superior motion tolerance eliminates the need to pause between scans
- Powered through host cable - no power supply required
- Can be mounted vertically or horizontally



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Visit our website at www.centralp.co.uk
Tel: 01259 743424 Email: sales@centralp.co.uk