

# DS4800

## Compact Laser Scanner

### Highlights

DS4800 is an industrial laser scanner combining flexibility and compactness thus satisfying all application needs of the production plant.

#### • HUGE FLEXIBILITY

Through the **smart focus adjustment** DS4800 optimizes the performances based on the reading distance. This extends the reading area and improves the overall read rate.

#### • EXCELLENT PERFORMANCE

Thanks to **DIGITECH™** technology, DS4800 provides excellent reading performance on low quality barcodes. By means of optimized **reading recipes**, DS4800 improves reading rate on low contrast barcodes while granting excellent performance at high skew angles. Additionally, **ACR4™ reconstruction technology** increases the max tilt angle and decoding rate on damaged barcodes.

#### • EASE OF USE

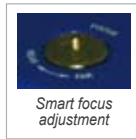
The intuitive **X-PRESS™** Human Machine Interface makes installation and maintenance easier than ever thanks to a five LED bar-graph and the multi-function key providing immediate access to relevant functions: *Test Mode* (for bar code verification), *AutoLearn* (for automatic code setting) and *AutoSetup* (for self optimization of reading performance). DS4800 is easily programmed through the multi-language **Genius™** SW tool. Thanks to the wizard approach and graphic add-ons, the scanner configuration is rapidly accomplished.

#### • CONNECTIVITY

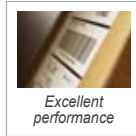
DS4800 is equipped with the embedded high-speed **ID-NET™** communication interface. ID-NET™ allows efficient data collection without the need of external multiplexer providing overall cost reduction and simplifying network wiring. Extended fieldbus connectivity is available through a **complete range of modular connection boxes**.

#### • INDUSTRIAL STRENGTH

With its rugged construction, IP65 protection class, **50°C** max operating temperature and **total ambient light immunity**, DS4800 is suitable for all main industrial applications



Smart focus adjustment



Excellent performance



Ease of use



ACR4™ technology



### Features

- Smart Focus adjustment for flexible reading area selection
- DIGITECH™ technology allows excellent reading performance
- Intuitive X-PRESS™ interface provides easy scanner setup
- ACR4™ reconstruction technology improves reading of damaged barcodes
- Multi-language Genius™ SW Tool allows rapid scanner configuration
- ID-NET™ embedded interface for high-speed communication network
- Multi-language display improves scanner monitoring and diagnostic
- Total ambient light immunity thanks to the high frequency laser modulation
- IP65 rugged industrial housing

### Applications

#### Automated warehousing

- Medium/small conveyor sorting
- Reading on pallets
- Picking systems
- Receiving / Incoming materials

#### Automated shop floor

- Items and parts tracking
- Process control
- Overall production traceability
- Packaging and compliance

