

THE NEW WIRELESS BAR CODE SCANNER CONCEPT

- **Small and lightweight:** approximately 170 g
- **Independent operation:** scans up to 50,000 bar codes
- **Completely shockproof design.**



These three outstanding features make HELYOM a must for order preparers, checkout counter operators, incoming goods receivers, storekeepers, etc. In short, all sectors of logistics, transportation, industry and retailing will greatly benefit from using HELYOM.

Its shape, weight and wrist strap allow the operator to keep HELYOM on the wrist during work without fatigue and without having to worry about dropping or forgetting it.

A wireless bar code scanner designed for the logistical, industrial and retail sectors, HELYOM includes a handheld scanner, with a radio and a battery, and a base station interfacing with the host or fixed terminal.

Data security

- Bidirectional radio link
- Acknowledgment of received data
- Programmable (loudness) audio signal for confirming scan of the bar code and data transmission

Flexible operation

- The scanner is hooked up to the host simply by reading the ID bar code on the base station
- Several dozen (up to 50) HELYOMs can be used at the same time on the same radio channel and on the same geographical location without creating any interference
- Supports a wide range of interfaces
- Can be connected to more than 800 different data terminals.



TECHNICAL SPECIFICATIONS

STANDARD VERSION

Includes a laser scanner, a radio base station, a 240 VAC battery charger and a holster fits on the belt. The cable used depends on the interface.

CHARACTERISTICS

- Scanner dimensions (excluding wrist strap): 192 x 56 x 49 mm
- Scanner weight: approximately 170 g (with standard laser)
- Base station dimensions: 144 x 115 x 57 mm

OPTICS

- Standard version
Typical depth of scan field: 5 to 55 cm (depending on resolution, contrast and ambient light)
- Long Range (optional)
Typical depth of scan field: 20 cm to 2.5 meters (depending on resolution, contrast and ambient light)
(Ambient light: unaffected by direct exposure to lighting standards of offices, stores and factories)

BARCODES READ

- Code 39, standard 2 out of 5, interleaved 2 out of 5, Codabar, UPC/EAN, EAN 128, Code 128, Code 93, Plessey, TELEPEN, MSI, 2/5 Matrix, Delta distance A, Code 11, Codablock A and F, Label code 4/5, Ames, BC-412 (special order), PHARMA 32/39, IATA, 3W7.

INTERFACE

- RS232 standard and TTL (compatible PC, TPV, Notebook)
- Keyboard emulation (compatible PC, Apple, WYSE, IBM46xx, Notebook terminals)
- RS485 (for IBM46xx ports 5B, 9B and 17)
- OCIA for TPV
- RS422 with adapter
- USB

RADIO

- Equipment freely available for use without requiring a license or payment of a fee
- Frequency: 433 MHz band (European ETS 300 220 standard)
- Channels: Selection of six channels by bar codes
- Range (modifiable by bar codes): Up to 40 meters depending on the selected power

ENVIRONMENT

- Operating temperature range: -10°C to +50°C
- Storage temperature range: -20°C to + 60°C
- Shock: Capable of withstanding being dropped from a height of 1.50 meters onto a concrete surface
- Relative humidity: 5% to 95% non-condensing
- Protection rating: Handheld scanner and base station IP53 (optional base station on-board version IP65)

POWER SUPPLY

- Handheld scanner battery capable up to 50,000 scans
- Handheld scanner battery charging time: approximately three hours for a complete charge
- Base station power supply from your terminal or external (by optional AC/12 VDC power supply unit)
- Base station consumption: 100 mA at 12 V

