



BiTech

BH Handheld with car cradle BCR/H

The BH handheld has many functions integrated. It can be used as data transfer memory, as hand-reader for RF/ID and/or barcodes and as a communication unit between driver and BSU1.

Contactless transmission between handheld and cradle, small dimensions and a robust design and construction are the major features of the BiTech handheld.



- **Hardware and software available** in different extensions with different options
- **Easy to operate** - made for harsh environments with contact key pad
- **Secure mounting** of the handheld in the specially developed car cradle BCR/H
- **Contactless data transfer** memory for secure data transfer between the garbage truck and administration office
- **No wear and tear** of plugs and socket as communication between car cradle and handheld is contactless
- **With integrated CMOS-Clock**
- **Different softkeys and key configurations**
- **Tour info managemenet** - information about properties and waste bins
- **Flexible text management** - ability to change operating language
- **Easy Connection to Windows CE®** Terminals via car cradle for the latest software updates or up/downloading data
- **Integrated RF/ID Reader** is able to read all 134,2 kHz HDX and FDX-Transponders!



Technical Data

Dimensions :	86 x 175 x 35 mm
Material:	ABS, GS 30
Protection type:	IP 65
Keypad:	contact key pad
- BHT-Lite:	2x16 characters
- BHT/BHI:	graphic display
Display:	max. 60 x 22 mm
Lighting:	illuminated display
Memory:	256 kByte
Data transmission:	
- BH to BCR/H:	contactless infrared
- BCR/H to external:	RS232, RS485 (option)

RF/ID module for BHT/BHI (option):

Power supply:

- BH in cradle:	inductive via BCH/R
- BH in offline- mode:	2 x 1,5 Volt round cell R6 DIN 40863
- BCR/H:	12/24 Volt DC

Operating frequency:

125 kHz, 134,2 kHz
13,56 MHz (optional)

Reading range:

up to 5 cm (depending on type of transponder)

Transmission mode: FDX, HDX

Modulation mode: ASK, FSK

Barcode module for BHI (option)