

The attractive reader powered by MICROTRONIC!

Fluent in MDB, EXE, BDV, el. mech. 1/10

Know-how transfer using IrDA, Bluetooth, USB, RS232, a badge or network

Feels great as standalone system and can easily be connected to CAN, LAN, WLAN

Trace him and find each of his movements

Provides huge reporting facilities

Offers excellent vending features

Be inspired by his smartness!



Msmart5 V7 with MKH or MBH

He has passed exams ISO, CE, RoHS, MAD, ALL-IN-1-CARD, EVA-CVS, EVA-DTS and is ARSENAL certified.

MICROTRONIC
electronic systems

Applications



Staff restaurant



Vending



Access control



Time attendance



Photocopier



Fuel station



Car wash



Parking



Fitness center



Machine identification



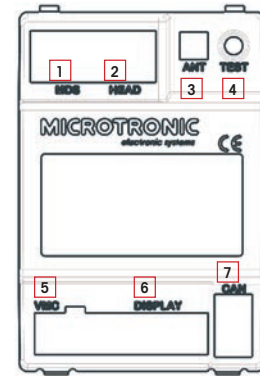
Bicycle parking



Rubbish disposal

Connections

- 1 **MDS** MICROTRONIC Data Services:
IrDA/Bluetooth/USB/RS232
- 2 **HEAD** Control MKH/MBH
- 3 **ANT** Antenna MKH/MBH
- 4 **TEST** Function key
- 5 **VMC** Vending Machine Control
- 6 **DISPLAY** LCD
- 7 **CAN** Network



Interfaces

- CRI **Combi Relais Interface**
- GNI **General Network Interface**
- MPI **Multi Price Interface** (10 price)
- SBI **Serial Bluetooth Interface** (MDS)
- SII **Serial IrDA Interface** (MDS)
- UDI **USB Download Interface** (MDS)

Specifications

Msmart5 V7:

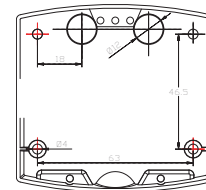
Dimensions L x W x H: 110 x 62 x 25 mm
 Material: ABS
 Weight: 70 g
 Operating temperature: -20°C to +50°C
 Operating voltage: 9 to 40 VDC
 Power consumption: 2 W
 Clock: RTC buffered 14 days

MBH:

Dimensions L x W x H: 80 x 76 x 26 mm
 Material: PA 6.6, 15% GF
 Weight: 60 g
 Water resistant: IP 65
 Display optic / acoustic: green, yellow, red LED / buzzer
 conforming EVA-CVS
 inductive (data and energy)

Transmission:

Front fitting
 Fixation: PT® screw
 KA 35 x 12 WN 1411 / 4 pieces
 Drill hole: 4 x 4 mm (fixation)
 Drill hole: 2 x 12 mm (cables)

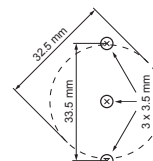


MKH:

Dimensions Ø x D: 42 x 42 mm / M32
 Material: PA 6.6, 15% GF
 Weight: 35 g
 Water resistant: IP 65
 Display optic / acoustic: green, yellow, red LED / buzzer
 conforming EVA-CVS
 inductive (data and energy)

Transmission:

Front fitting
 Fixation: hexagon nut 32 x 1,5
 Drill hole: Ø 32,5 mm
 Water tight seal



Your system partner: