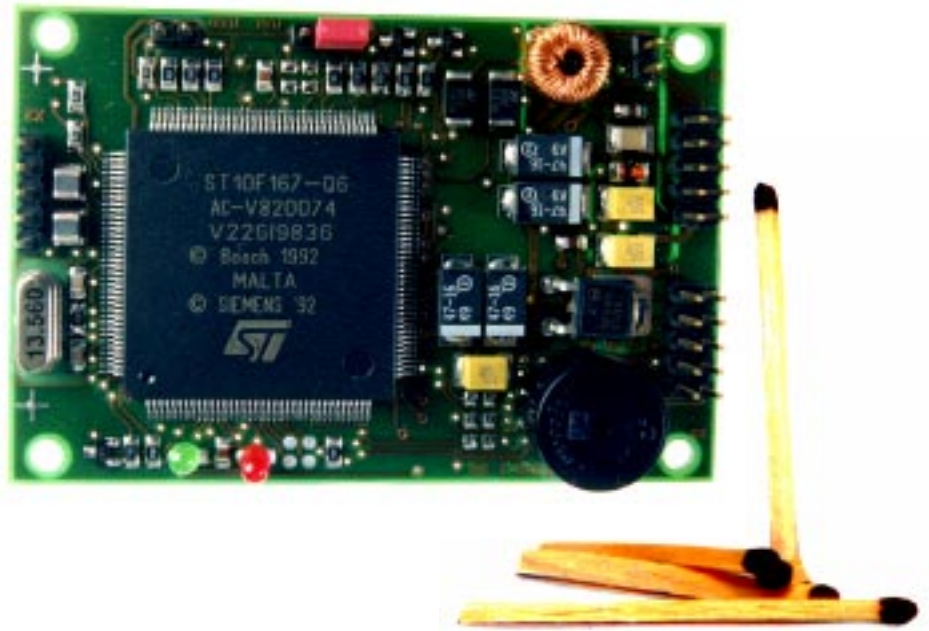




advanced reader technologies

i-scan

**Reader module
ID ISCM01-A/B**



Multitag capable reader module for Smart Labels of 13,56 MHz transponder technology with

- standard interface, not transponder-related
- updateable firmware by Flash-EEPROM.

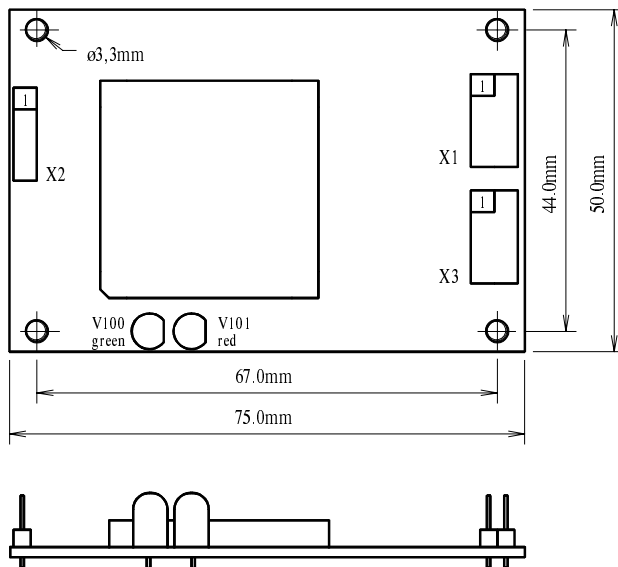
The module with external antenna has a variety of configurations and is intended for installation in

- printers,
- terminals and
- handheld devices.

Short description

Just like any device of the OBID[®] i-scan -family, the reader module ID ISCM01 works with Smart Labels, based on transponders with an operating frequency of 13,56 MHz (e.g. I-CODE, Tag-it and ISO 15693). Depending on the size of the antenna, the R/W-board has a maximum read/write distance of 15 cm and is therefore predestinated for installation into other devices. An updateable firmware (Flash-EEPROM) facilitates software updates of future transponder generations.

Dimensions



Technical data

Dimensions (wxhxd)	75 x 50 x 12 mm
Temperature range	-25°C up to 70°C
Antenna	1 connection for external antenna
Indicators	2 LED, 1 buzzer
Outputs	2 open collector
Inputs	2 (1x power saving mode)
EEPROM	100.000 write-cycles

ID ISCM01-A

Power supply	12-24 V DC
Power consumption at 12 V	read mode: max. 150 mA
	power saving mode: max. 50 mA
Serial interfaces:	1x RS232 (V24)
	1x keyboard emulation

ID ISCM01-B

Power supply	5 V DC +/- 5%
Power consumption at 5 V	read mode: max. 170 mA
	power saving mode: max. 60 mA
Serial interfaces:	1x RS232-CMOS
	1x keyboard emulation

Optional:

- CD-ROM with DLL for Windows 98 and Windows NT and demo programs and documentation
- antennas with the following dimensions:

- 35 x 33 mm
- 105 x 104 mm
- 160 x 20 mm