



360° RFID | our knowhow - your value



RFID

LAN Reader HF

# RFID LAN Reader HF



Be ready for RFID within existing LAN infrastructures without complex hardware development. An easy-to-use TCP/IP based protocol and an integrated 2 port switch allow plug & play **detego**® RFID solutions.

A complete set of software tools, a software library and source code examples come with the product. All terminal functions are accessible with the easy to use TCP/IP protocol. The human interface featuring push buttons, display and buzzer supports stand alone network operation.

With MIFARE®,ICODE™, my-d™ and Tag-IT™ the world-wide leading RFID products are supported.

## Technical Features

Dimensions	275x 95x36 mm (desktop model)
Case	Bottom part of the case 180° turnable for desk or wall mounting
Front Plate	3 buttons, antenna and display integrated
Reading distance	Up to 200 mm with foil antenna up to 180 mm with PCB-antenna
Weight	740g (without power adapter)
Antenna output level	-17.5µV @ 13.56 MHz at 100mm distance
Power Input	Average 280mA (max. 650mA)
Input Voltage	9 – 16 V DC
Ethernet	10/100 MBit 2-port switch with autonegotiation
Ethernet cabling	Cat5 shielded, standard or cross over
Display	2x16 characters, LC-display 180° turnable with blue/white background lighting
Regulatory Conformance	EN 300330 electromagnetic compatibility for short range devices FCC registration pending

## Features

- ▶ Interactive Terminal
- ▶ Ethernet LAN interface
  - 10/100 MBit Ethernet integrated network switch (2 Ports)
  - TCP/IP Device Connection
- ▶ User-controllable peripherals
  - LCD display with blue/white backlight
  - 3 push buttons
  - Buzzer
- ▶ DHCP Client support
- ▶ Easy-to-use protocol interface
  - Event support, ASCII based, Easy-to-use
  - LAN Reader software tool, demo sw example, .net library
- ▶ Automated device discovery
- ▶ Tags supported: MIFARE®
  - ISO 15693 / ISO 18000-3/1 (my-d®, Tag-IT®, ICODE®)
- ▶ Operating Distance up to 20cm (ISO Card Format Tag)
- ▶ Desktop or wall mounting

