

# PROCONTROL®

## Proxer 62 terminal

Access control and time attendance terminal



Ver 1.2  
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## RFID door opener for controlled access



**Proxer 62 is a wall-mounted access control and worktime/ attendance terminal with touch screen, smooth lines and clear design. It reads RFID proximity transponders, like cards, bracelets, key fobs and tags, checks access rights and controls door.**

It ensures a complete time and attendance solution with a Proxer 22 reader, integrated into access control and worktime systems. No further control unit is needed.

The user information interface can be modified according to the user's needs.

It can be connected into network and queried directly, and IoT systems can also be developed using it.

The „Allreader” type reader can be programmed for almost any type of card. The Proxer62 terminal can be connected directly to a computer or TCP / IP IT network, Ethernet 10/100 Mb, optionally with RS485, Wi-Fi interface.

The Proxer62 has a built-in RFID proximity card reader, a high-quality colour touch screen, a multi-colour icon indicator and a beeper. The reader can be programmed to read almost any type of RFID cards.

It stores motion events in its non-volatile memory (up to 233,000 motion data and 8192 user permissions) and the event log can be queried by the processing computer at any frequency.

Only the person with the authorized card can open the door. Identification works with an RFID proximity card.

The user holds their card to the Proxer62 terminal, the light on the terminal turns green, the buzzer sings a “may enter” signal, the door lock opens, the system records the entry data. (The buzzer can be turned off.)

At exit, the door can be opened with a Proxer 22 auxiliary card reader or with an "EXIT" button, or with a door handle if no time recording function is required.



The magnetic lock and door opening sensor installed in the door is connected to the Proxer62 terminal. Hydraulic door closers and other accessories are available as an option.

The terminal is suitable for the automatic control of access cameras and video recorders. You can view a photo of the moment of entry in the software.

The Proxer62 is a member of the [Proxer readers and terminals Premium series](#). Here you may find all you need, from an online card reader with a similar aesthetic to an integrated card reader with a door controller to smart access and time and attendance terminals with a colour touch screen.

**Adding, revoking, authorizing cards, querying, exporting, printing motion data lists, monthly timesheets, attendance sheets are possible with the Access and Worktime module of the [ProxerNet building management software system](#).**

ProxerNet software modules also include other building automation systems and are compatible with the entire Proxer terminal family. The Access and Worktime modules can also be integrated with third-party RFID readers that are widespread in the market for access control systems.

## Certificates



Procontrol's intrusion protection devices, such as the ProxerNet intelligent building software system; Proxer card readers and terminals; the ProxerGate and ProxerPort access gate product family, received MABISZ Product Compliance Recommendation. MABISZ (Hungarian Association of Insurance Companies) recommends these products for acceptance by member insurance companies.

## Properties

- RFID door opened for controlled access and attendance
- Only person with authorized card can open the door.
- Expandable with Proxer 22 reader for controlling access from the other side of the door
- If one loses their card, at online operation, cards can be immediately disabled in ProxerNet software
- Photos of the employee can be shown after identification, beside their name and clocking data
- It can be queried via IP system (Ethernet)
- Built-in RFID „Allreader” RFID Proximity reader (as per the read standards)
- Possibility of double identification: RFID card, bracelet, key fob *and* PIN
- Movements can be queried, listed
- Able to store up to 233.472 movement data and 8192 authentication records
- Interface: Ethernet IEEE 802.3 af PoE, optionally RS485/RS422 (max. 128 terminals in one string), USB port, Wi-Fi
- Door relay, door sensor, exit button output, fire input
- 4,3” coloured touch screen with 77.000 points
- Indoor, optionally outdoor housing
- **For movement data labelling** 6 + X buttons available on the touchscreen: Paid leave, Sick leave, Delegacy, Lunch, Private leave, Official leave (Also available with custom labels.)
- Customizable touch screen (e.g., customer's company logo on welcome screen, custom buttons)
- Power consumption: max. 3VA
- Ambient temperature: -25 to + 50C0
- Relative humidity: max. 80%
- Mechanical size: 80 x 164 x 25 mm
- IoT device with http protocol available



**ProxerSec**  
EXTREMELY  
HIGH  
SECURITY  
RFID SYSTEM

ENCRYPTED  
COPY PROTECTED  
SECURE

**OPTION: ASK FOR ENCRYPTION!**

Order [ProxerSec Ultra High Security RFID System!](#)  
Order the Proxer22 reader with ProxerSec encryption, Unicard Sec2 encrypted, random UID cards!

RFID access cards and your access control system will thus be protected against illegal attempts to read or modify them.

Available with AES128 encryption, random UID, random card number management with 13.56 MHz Mifare Desfire EV2 or later technology.

## Types

### Types according to RFID standards

The **PROXER62-LF** RFID terminal is for the following 125kHz / 134kHz (low frequency) transponders, cards:

- EMarine (pl. EM4100,4102,4200)
- Casi Rusco
- FDX Animal
- HiTag1
- HiTag2
- Indala Type1
- Indala Type2
- Indala KSF (Kantech Secure Format)
- IoProx XSF (Kantech Extended Secure Format)
- ProxCard II, ProxCard II C1000
- ProxCard II H10301
- ProxCard II H10302
- ProxCard II H10304
- TIRIS
- T5557, ATA5567, ATA5577

The **PROXER62-HF** RFID terminal is for the following 13,56 MHz (high frequency) transponders, cards:

#### ISO-14443A type transponders

- Mifare Classic 1K, 4K
- Mifare Ultralight
- Mifare Desfire
- Mifare Plus, Mifare Plus X
- Mifare ProX, Mifare SmartMX
- SLE66R35

#### ISO-15693 type transponders

- Texas Instruments TagIt Plus
- Texas Instruments TagIt Plus 3P
- Texas Instruments TagIt Standard
- Texas Instruments TagIt Pro
- Legic Advant
- Picopass
- HID iClass
- ICode SLI, ICode 2

#### ISO-14443B type transponders

- SR1XXX, pl. SR1512, **SRT512**, SR14K, SR1X4k
- ISO-14443B type card emulation
- Felica

#### ISO-18092/NFC type communication

- NFCIP-1 P2P active communication
- NFC card emulation (passive)
- mobile phone with NFC function (Android, iOS, Windows Mobile) in the above-mentioned modes

The **Proxer62-FF** (full frequency) RFID reader reads both the low frequency (LF) and the high frequency (HF) transponders

**Your smartphone can be used as an access card.** Downloading a simple app, after authentication you can open doors, gates, barriers with the simple presence or presentation of your smartphone, or shaking your phone or pressing a button, as it is comfortable for you.

#### Types according to interface or output:

- Ethernet IEEE 802.3u (-E)
- Optionally Wi-Fi (-EWi), RS485 (-4), Bluetooth (-BL)

#### Types as per positioning

- **Proxer62** standing (default)

- Proxer62W landscape design

#### Types as per design

- Proxer62 indoor (default)
- Proxer62-EXT external design (optional)

#### Auxiliary reader

- Proxer22



## Features

- RFID card reading for the specified card type (Allreader)
- High-precision clock: minute or hour: minute: second time display
- Colour display for greeting, informative texts
- Use the numeric touch keys to enter a PIN code
- Programmable beep
- Random search, alcohol probing alarm, random security check functions are available



## Structure

The housing is 80 x 164 x 25 mm in size. The material is black ABS (plastic with good impact resistance, high hardness and strength, good heat resistance and chemical resistance), framed with a matt glossy sheet. Behind a black safety glass plate in the middle there is a 77,000-dot graphic display with a reader at the bottom. The function of the buttons can be read on the display, the definition and name of the buttons can be modified.

Előzetes irányválasztó gombok (Kl vagy BE gomb) megnyomása után felvillanó képernyők:



Üdvözlőkép

Azonosítás:  
 - kártyázás,  
 - PIN-kód, vagy  
 - biometrikus azonosítás



Minősítés megadása  
 (2. képernyőkép: benyomott gomb szürkébb + azonosításra felhívó üzenet).



Visszajelző képernyők (jogosult képernyő fotóval, ill. anélkül, valamint jogosulatlan)



Egyéb képernyőképek (tűz,



ajtó nyitva maradt,



ajtó felfeszítve,

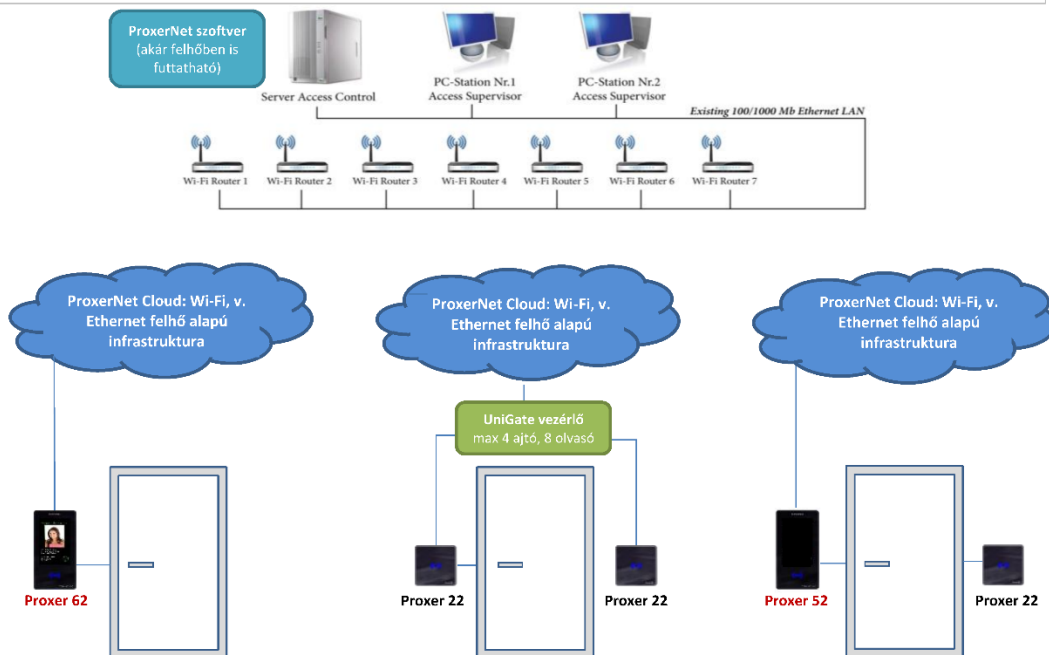


portásgomb)

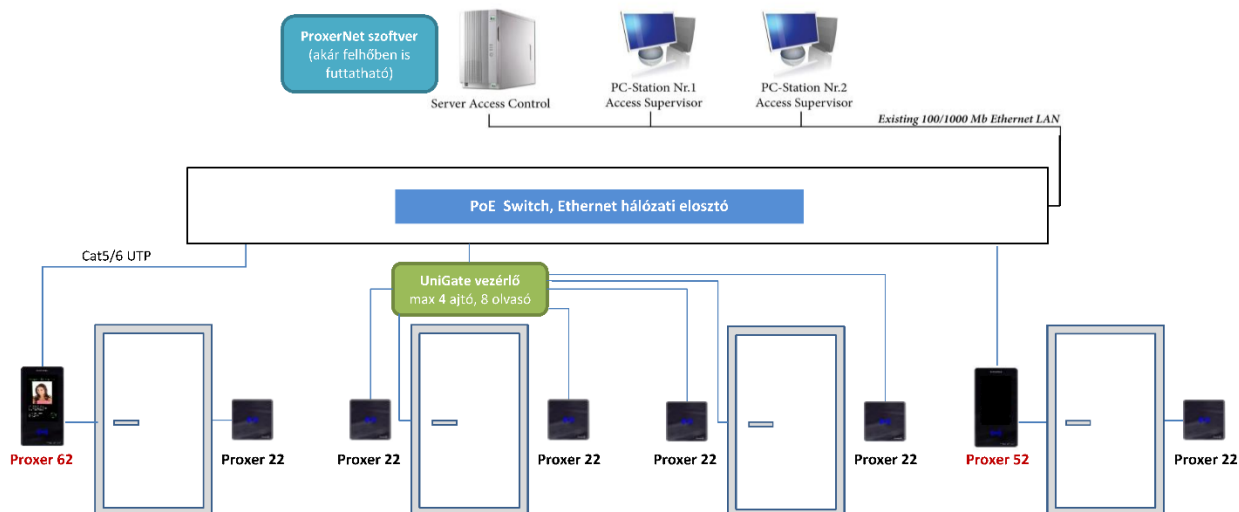


## Rendszerépítés

**A) változat: Wi-Fi** struktúra (pl. már meglévő, vagy egyéb célra is kiépítendő Wi-Fi rendszerben. Példa kiépítés 1db Proxer62 terminállal, 1db UniGate ajtóvezérlővel, 3db Proxer22 olvasóval és 1 db Proxer52 terminállal



**B) változat: Ethernet** (10/100 Mb LAN informatikai hálózat pl. 1db Proxer62 terminállal, 1db UniGate ajtóvezérlővel, 6db Proxer22 olvasóval és 1 db Proxer52 terminállal.) Ha az Ethernet hálózatban PoE switcheket alkalmazunk, akkor a Cat5 kábeleken a tápfeszültségellátás is biztosítható van. A lerajzolt topológia az Ethernet interfésszel rendelkező típusok Ethernet hálózati csillagpontos bekötését vázolja fel.



**C) változat: RS485 rendszer:** Ha nincs kiépített IP informatikai hálózat, az RS485-ös eszközöket CAT5/CAT6 kábelben sorba fűzve RS485 hálózattal kapcsolhatjuk össze, majd a helyszíntől függően egy vagy több ponton RSC-E4 (RS485-Ethernet) konverterrel Ethernetre, a Host számítógéphez csatlakoztatjuk, ahol a ProxerNet szoftver fut.