

Time-attendance, access control

# PROCONTROL

Procontrol Ltd. has been producing access control and time-attendance terminals since 1981.

**Proxer** is a new terminal family of Procontrol which works with proximity cards, NFC, Bluetooth (smartphone) identification to offer access and/or time-attendance solutions for companies. With its lean-out silhouette, the Proxer readers are optimal choices for those who prefer user-friendly operation mode and attractive appearance.

The Proxer readers - as parts of the ProxerNet system - offer an excellent and comprehensive solution for **access and/or time-attendance**.

The high reliability readers are expandable with no limits, even country-wide network can be built. Depending on construction, Procontrol offers online readers (attached to access controllers) as well as stand-alone (online-offline) terminals, which include the control panel.

The Proxer readers are multiclass readers. This means they are programmable for almost any card type, even several for the same time. They may read 125kHz / 134kHz / 13.56 Mhz RFID proximity transponders (cards, wristbands, key holders, other tags). Even smartphones can be used (NFC, Bluetooth). The online reader type is available with Wiegand and RS485 interfaces whereas the offline-online terminals can be ordered with Ethernet, optionally RS485 and Wi-Fi communication or even in completely wireless construction (e.g.: for cultural heritage buildings).

## Features:

- Smart terminal works in offline and totally stand-alone mode without any additional access controller
- PIN option available (see types with touch keyboard)
- Appropriate for controlling door locks and access gates
- Continuous eventlog up to 233.472 events
- It stores the eventlog in case of a network outage
- Offline-online (its movement events and data can be queried from PC and in case of a network outage the terminal can check access rights, open the doors and log the events in stand-alone mode)
- Movement types can be set uniquely (lunch, holiday, field work, etc.)
- English user interface (for terminal and software)
- Anti-passback function to filter repeated entries
- Setting of time zone authorisation is available in ProxerNet software
- Time-attendance balance display on the terminal (optional)

## When readers are integrated with ProxerNet software you can:

- planning , keep books of holidays
- manage visitor cards; check every entrant by his/her photo (VisualPorta module); list the actual attendance registers (evacuation list)
- manage work schedules, shifts
- export data through payroll calculation softwares. (XLS, TXT, CSV).








## Workstar64, Workstar80, Proxer5, ProxerW72

readers for access and time-attendance registration are still available and offer an excellent solution for companies in industrial environment.



Procontrol readers are recommended by MABISZ (Hungarian Association of Insurance Companies).

Type	Proxer12	Proxer22	Proxer52	Proxer62	Proxer80
					
<b>Function</b>	Card reader for authentication, table top	Card reader for authentication, wall mountable	Smart terminal for access control, time-attendance with integrated controller and card reader	Smart terminal for access control, time attendance with alcohol tester	
<b>Communication</b>	Online		Offline-online (its stored events and data can be queried from PC but in case of network outage the terminal can check access rights, open doors and log the events in stand-alone mode)		
<b>Encryption</b>	Available with AES128 encryption, random / random UID card number management with 13.56 MHz HF type readers, Mifare Desfire EV2, EV3 or newer technology cards, RFID tags.				
<b>Memory, authorisation method</b>	-	(The attached UniGate controller can store events and authorisation parameters).	It stores up to 233.472 movement events and 8192 authorisation parameters in its non-volatile memory, the eventlog can be queried and listed.		
<b>Display and user interface</b>	-			Colour 4,3" touch screen. Displayed information available according to Customer's need	Colour 8" touch screen. Displayed information available according to Customer's need
<b>Access controller unit needed for operation</b>	-	UniGate 2043 door controller, up to 8 readers	Included		
<b>Interface</b>	USB, optional: RS232, RS485	Wiegand and RS485, optional: USB	Ethernet (with IoT capability: SSL / TLS encryption, REST API protocol), opc. RS485, Wi-Fi, Bluetooth	Ethernet (with IoT capability: SSL / TLS encryption, REST API protocol), opc. RS485, Wi-Fi, Bluetooth	
<b>Registration of opposite directions</b>	-	With Proxer22 reader		With Proxer22 reader or "Leave" button on screen	
<b>Dimensions</b>	79 x 117 x 24 mm	80 x 90 x 25 mm	80 x 164 x 25 mm		540 x 220 x 170 mm
<b>Power supply</b>	5V PoUSB (if RS232, RS485, Wiegand: DC 12-24V)	Passive PoE or active PoE IEEE802.3af or PoRS485 or DC 9V-48V			
<b>LF types: 125/134kHz RFID</b>	Emarine (pl. EM4100,4102,4200), Casi Rusco, FDX Animal, HiTag1, HiTag2, Indala Type1, Indala Type2, Indala KSF (Kantech Secure Format), ProxCARD II, ProxCARD II C1000, ProxCARD II H10301, ProxCARD II H10302, ProxCARD II H10304, TIRIS, T5557, ATA5567, ATA5577				
<b>HF types: 13.56MHz RFID standards</b>	ISO-14443A type tags, Mifare Classic 1K, 4K, Mifare Ultralight, Mifare Desfire , Mifare Plus, Mifare Plus X, Mifare ProX, Mifare SmartMX, SLE66R35, ISO-15693 type tags, Texas Instruments TagIt Plus, TagIt Plus 3P, TagIt Standard, TagIt Pro, Legic Advant, Picopass, HID iClass, ICode SLI, ICode 2, ISO-14443B type tags, SRISXX, pl. SRI512, SRT512, SRI4K, SRISX4k, ISO-14443B type card emulation, Felica, ISO-18092/NFC type communication, 2P active communication according to NFCIP-1, NFC card emulation (passive), smartphone with NFC function (Android, Windows Mobile) in the above listed mode of operation				
<b>FF multiclass types: 125/134kHz and 13.56 Mhz RFID standards</b>	<b>LF:</b> Emarine (pl. EM4100,4102,4200), Casi Rusco, FDX Animal, HiTag1, HiTag2, Indala Type1, Indala Type2, Indala KSF (Kantech Secure Format), ProxCARD II, ProxCARD II C1000, ProxCARD II H10301, ProxCARD II H10302, ProxCARD II H10304, TIRIS, T5557, ATA5567, ATA5577 <b>HF:</b> ISO-14443A type tags, Mifare Classic 1K, 4K, Mifare Ultralight, Mifare Desfire , Mifare Plus, Mifare Plus X, Mifare ProX, Mifare SmartMX, SLE66R35, ISO-15693 type tags, Texas Instruments TagIt Plus, TagIt Plus 3P, TagIt Standard, TagIt Pro, Legic Advant, Picopass, HID iClass, ICode SLI, ICode 2, ISO-14443B type tags, SRISXX, pl. SRI512, SRT512, SRI4K, SRISX4k, ISO-14443B type card emulation, Felica, ISO-18092/NFC type communication, 2P active communication according to NFCIP-1, NFC card emulation (passive), smartphone with NFC function (Android, Windows Mobile) in the above listed mode of operation				
<b>Smartphone can be used for authorisation</b>	Smartphone with NFC function can be used for door opening (Android, Windows Mobile) if the NFC function is on and the Procontrol NFC Application is launched (available with Proxer HF and FF subcategories). Reading distance is 3 cm. Smartphone with Bluetooth function can be used for door opening (Android, iOS, Windows Mobile) if the Bluetooth function is on and the Procontrol Bluetooth Application is launched (available with Bluetooth subcategories). Reading distance is up to 10 metres.				
<b>Other</b>	Wiegand 5V, CardReaderManager software format of the data output can be set, decimal, hex, shift, facility code, prefix, spec. insert characters, etc., setting a custom data output does not require a firmware change, Wiegand waveform can be modified, etc.				
<b>Casing</b>	IP54 indoor ABS, option: IP65 outdoor, OEM, acid-proof housing, card pocket	IP54 indoor ABS, with glass front panel, option: IP65 outdoor, OEM, acid-proof housing, card pocket	IP54 indoor ABS, with glass front panel,	Impact-resistant steel housing, RAL7035 powder coated	
<b>Certifications</b>	Recommended by the Hungarian Association of Insurance Companies (MABISZ), CE (EU), RoHS				

Preliminary. We reserve the right to make changes.

