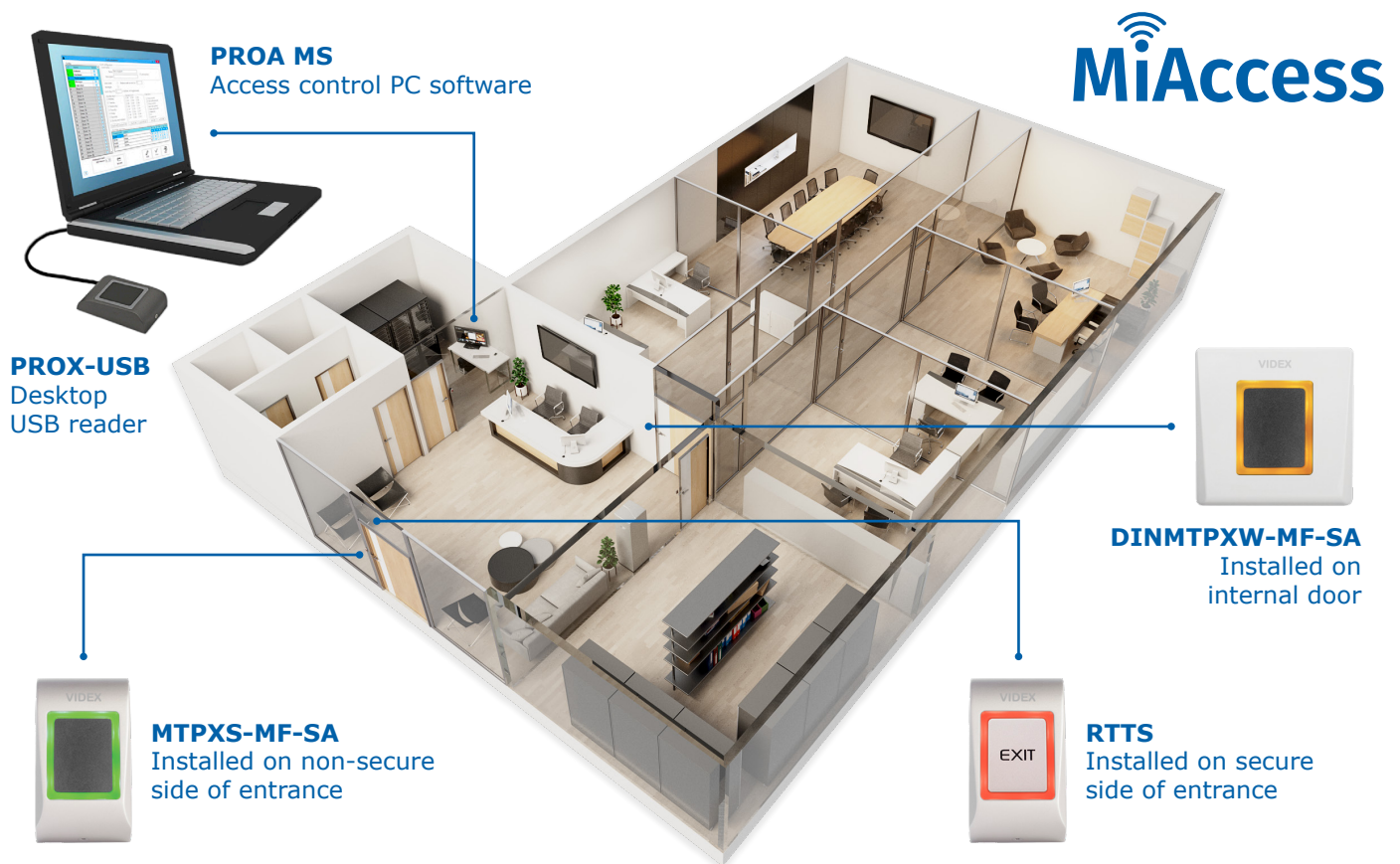


OFFLINE MIFARE PROXIMITY ACCESS CONTROL

SURFACE & FLUSH STANDALONE READERS



Surface and flush standalone offline Mifare proximity readers.



MIFARE READER



USB CONNECTIVITY



CARD/FOB ACCESS



PC SOFTWARE

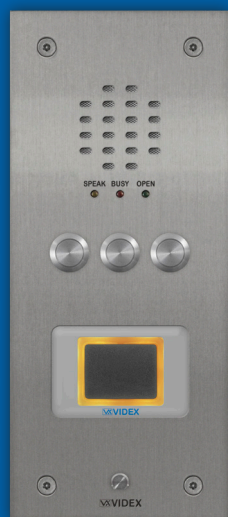
MTPX-MF-SA (surface) and DINMTPX-MF-SA (flush) is an offline reader for access control using Mifare read and write technology. It can be used on a single entrance or multiple entrance system without the need to network the readers together. Programming and configuration is carried out through a PC using bespoke software and a USB desk reader. The user data is written to the cards while configuration settings and event logs can be transferred between the PC and the readers via a card or alternatively the PC can be connected directly to the reader by USB.

The PC software is available as an access control software (PROA MS) and as a hotel software (PROH MS). Additionally a 12Vdc power supply is required to power the reader and a USB desk reader (PROX-USB) is used for programming.

Surface readers are available in a silver aluminium or matt black ABS housing. The flush reader fits a single gang UK electrical box with cover frames available in silver, white and grey.



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**VR120 series panel
+ VRMI**



DINMTPXC-MF-SA

MTPXBK-MF-SA



Part No.	Type	Description
MTPXS-MF-SA	Standalone Offline Mifare Proximity Access (MiAccess)	Surface MiAccess, standalone proximity reader, smart Mifare PC programming & USB port (silver)
MTPXBK-MF-SA		Surface MiAccess, standalone proximity reader, smart Mifare PC programming & USB port (matt black ABS finish)
DINMTPXn-MF-SA*		Flush MiAccess, standalone proximity reader, smart Mifare PC programming & USB port (silver, grey or white finish)
4849MI		4000 series MiAccess, standalone proximity reader module with smart Mifare PC programming & USB port
8849MI		8000 series MiAccess, standalone proximity reader module with smart Mifare PC programming & USB port
VR4KMI		VR4K series MiAccess, standalone proximity reader module with smart Mifare PC programming & USB port
VRMI		Add Mifare, standalone proximity reader with smart Mifare PC programming & USB port to VR panel
RTTS	Touch to Exit	Surface touch to exit and remote relay output switch
DINRTTS		Flush touch to exit and remote relay output switch (silver)
DINRTTC		Flush touch to exit and remote relay output switch (grey)
DINRTTW		Flush touch to exit and remote relay output switch (white)
DR-15-12	Accessories	12Vdc, 1.25A power supply
PROX-USB		Mifare desktop USB programming proximity reader
PBX-1E-MS50		ABS keyfob - MS 50 NXP Mifare - 1K memory (grey fob)
PBXn-1E-MS50**		ABS keyfob - MS 50 NXP Mifare - 1K memory
PBX-2-MS50		0.75mm ISO card - MS 50 NXP Mifare - 1K memory
PBX-2-MS70		0.75mm ISO card - MS 70 NXP Mifare - 4K memory

* (where n = S for silver finish; C for grey finish; W for white finish, e.g. DINMTPXC-MF-SA for grey finish).

** (where n = B for blue fob; BK for black fob; G for green fob; R for red fob, e.g. PBXBK-1E-MS50 for black fob).

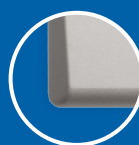
Key Features Include:

- Surface or Flush mounting options available;
- IP65 rated moulded aluminium (in silver finish) or high impact matt black ABS finish surface readers for internal or external use;
- Single gang flush readers available in 3 finishes (silver, grey or white) for internal use only;
- Panel mount reader available for Vandal Resistant panels;
- Mifare reader with sector read/write and support for Mifare classic, 1K & 4K card types;
- Read range of up to 6cm with an operating frequency of 13.56MHz;
- Unlimited user capacity with up to 3500 events logged;
- Programmable relay time (1-255 seconds or 0=ON/OFF [toggle] mode);
- Programming and configuration using PC software (PROA MS or PROH MS);
- Collecting events directly from the reader via the micro-USB port or from a programmed 'events collect card';
- Includes feature to 'black list' cards that have been lost or stolen (up to 500 cards max.);
- Personalised access rights for each user are registered directly onto a user's individual card;
- Scheduled activation feature with 4 definable actions of lock, unlock based on the time and day of the week;
- Firmware upgrades supported via the USB connection.

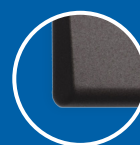
Technical Specification:

- Operating Voltage: 12Vdc power input;
- Current Consumption: 150mA (max.) during operation;
- Data Connectivity: Micro-USB port for connection to a PC;
- Outputs: 1x built-in relay (2A @ 24Vac/dc), RS485 bus connection for remote 'touch to exit' button & relay unit (RTTS or DINRTT);
- Inputs: push button;
- Tamper Protection: Yes;
- Indication: Tri-colour halo LED (amber, green, red), buzzer;
- IP Rating: IP65 (surface reader only);
- Operating Temperature: -20°C to +50°C;
- Dimensions (mm): Surface - 51 (L) x 92 (H) x 25 (W), flush - 86 (W) x 86 (H) x 40 (D) for standard UK single gang box.

Flush readers available in 3 different colours silver, grey and white



silver



grey



white



Southern Office

1 Osprey, Trinity Park,
Trinity Way, London,
E4 8TD

T 0870 300 1240 • F 020 8523 5825

Northern Office

Unit 4-7 Chillingham Ind. Estate,
Chapman Street,
Newcastle Upon Tyne, NE6 2XX

T 0870 300 1240 • F 0191 224 1559

sales@videxuk.com • www.videxuk.com

