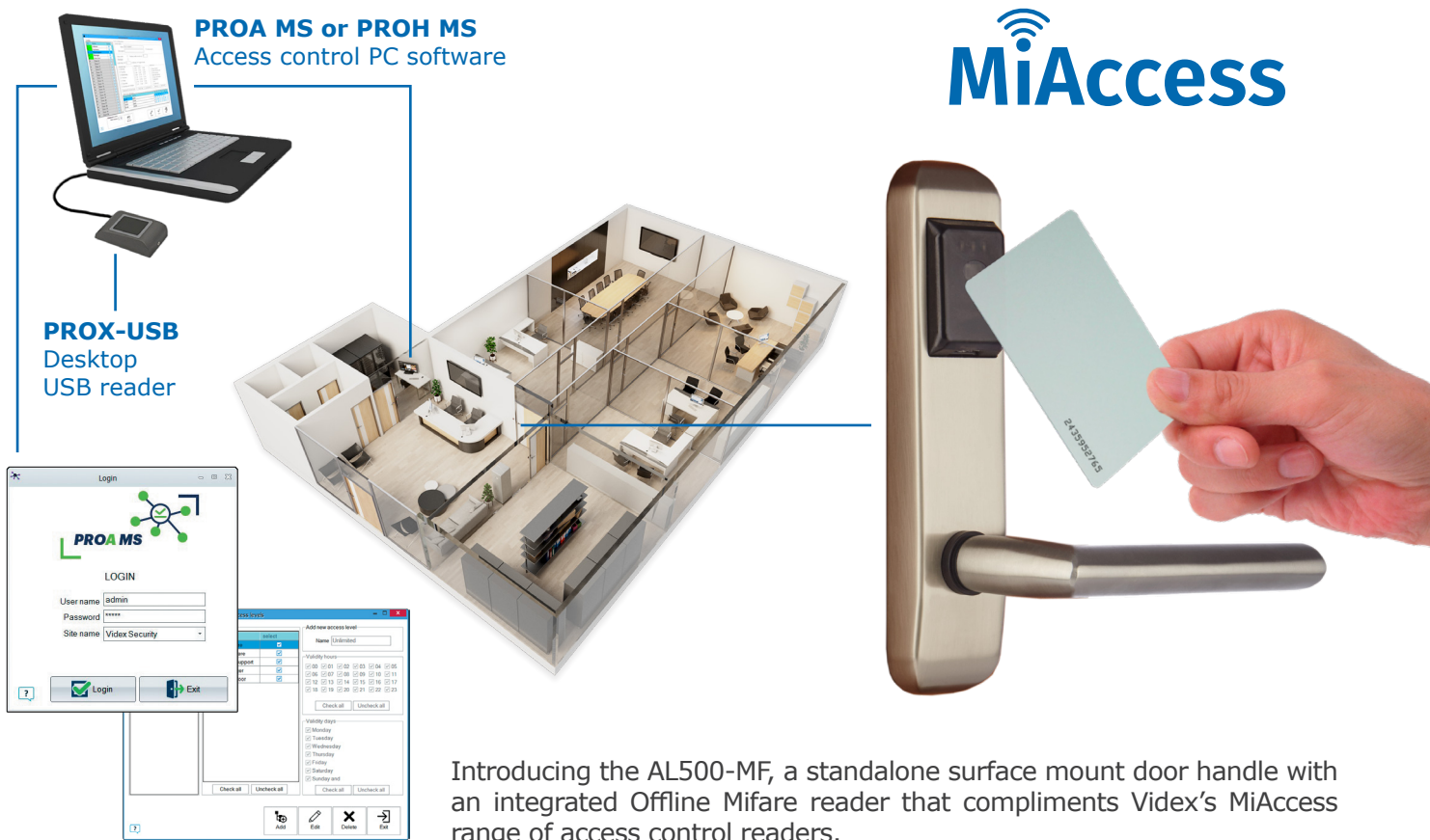


OFFLINE MIFARE PROXIMITY ACCESS CONTROL

AL500-MF MIFARE DOOR HANDLE



Standalone offline Mifare door handle.



**MIFARE
READER**



**USB
CONNECTIVITY**



**CARD/FOB
ACCESS**



**PC
SOFTWARE**

Introducing the AL500-MF, a standalone surface mount door handle with an integrated Offline Mifare reader that compliments Videx's MiAccess range of access control readers.

With a brushed stainless steel look and feel it is designed to mount onto internal wooden doors, with a door thickness between 35mm to 55mm, and includes fixtures to reverse the door handle for mounting onto left-hand or right-hand opening doors.

It is powered from an internal 6V lithium battery allowing for up to 32,000 opening cycles (approx.) and with no wiring connections it can be fitted without having to change the previous door lock making it easy to install.

Like other MiAccess readers the AL500-MF can provide access to an unlimited number of users and can restrict access whenever it is required making it ideal for different access solutions. For example granting access to restricted areas such as admin rooms, meeting and store rooms etc.

It is compatible with both the PROA MS and PROH MS MiAccess software, where programming, configuration settings and event logs of the built-in reader can be transferred between the PC and the reader. This is carried out via the micro-USB or with programming cards where the programming information is transferred from the card to the reader. User cards can be created via the software with the PROX-USB desktop enrolment reader where access rights can be registered directly onto each corresponding card.

VIDEX®

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Part No.	Type	Description
AL500-MF	OFFLINE Mifare Door Handle (MiAccess)	Surface, standalone OFFLINE Mifare Door Handle (MiAccess series) for internal use only
PROX-USB	Accessories	Mifare desktop USB programming proximity reader
PBX-1E-MS50		ABS keyfob - MS 50 NXP Mifare - 1K memory (grey)
PBXB-1E-MS50		ABS keyfob - MS 50 NXP Mifare - 1K memory (blue)
PBXBK-1E-MS50		ABS keyfob - MS 50 NXP Mifare - 1K memory (black)
PBXG-1E-MS50		ABS keyfob - MS 50 NXP Mifare - 1K memory (green)
PBXR-1E-MS50		ABS keyfob - MS 50 NXP Mifare - 1K memory (red)
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



Key Features Include:

- Surface mounting door handle with built-in standalone Offline Mifare reader.
- Easy installation with no wiring connections necessary.
- No power supply required.
- Brushed stainless steel finish.
- For internal wooden doors only.
- Reversible door handle fixings for mounting on left-hand or right-hand opening doors.
- Mifare reader with sector read/write and support for Mifare classic, 1K & 4K card/fob types.
- Read range of up to 2cm with an operating frequency of 13.56MHz.
- Unlimited user capacity with up to 3500 events logged.
- Programmable lock opening 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
- Free access 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:

- Power: Internal 6V Lithium battery (type CR-P2).
- Low Battery Warning: Yes, flashing red LED.
- Reader Type: Mifare R/W.
- Card/Fob type: Mifare Classic 1K and 4K.
- Read Range & Operating Frequency: Up to 2cm / 13.56MHz.
- Data Connectivity: Micro-USB port for connection to a PC.
- Opening Cycles: Up to 32,000 cycles (one cycle = one full open/close lock operation) allowing a lengthy battery life.
- Status Indication: 3 LED's (amber, green, red) and buzzer.
- Operating Temp.: -20°C to +50°C.
- Fire Resistant: Tested in accordance with EN 1634-1:2010 with a single wooden door.
- Base Dimensions (mm): 190 (H) x 40 (W).

Compatible with both the PROA MS and PROH MS software which is available for download from the website:

<https://www.sendspace.com/folder/hwgecr>



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