

XM3 MICROPROXS™



XM3 MICROPROXS™ is a high end access control system for small businesses. It can be used as a single door access control solution or can be networked in an RS485 network.

In an RS485 network the XM3's continue to function stand-alone and can be set up and maintained using the XM3 Manage software.

Single door or networked

Features

- Up to 5.000 users
- Time stamped event logging (e-mail)
- Real-time clock
- Wireless PIN keypad option
- Time zones
- Anti passback (timer)
- ABA magnetic stripe, Wiegand or RS 485
- Networkable (up to 32 units)
- Holiday pre-programming
- User validation
- ABA magnetic stripe, Wiegand or RS485
- Range extension up to 450 mm
- External relay option
- 4 I/O's
- Slave antenna option
- Upgradable (Flash memory)
- API's available (COM, RS485)
- PC software - XML format
- Multi language software
- Supports 125kHz + 13.56MHz RFID

XM3 MICROPROXS™

Today's ID security market is changing faster than ever before. Customers are more attracted to emerging standards than to proprietary RF identification technology, and to functional solutions that solve their specific problems and requirements.

As an independent ID security manufacturer, Cross Point has identified this trend and introduces the XM3 MICROPROXS™, the next generation RFID readers. The XM3 MICROPROXS™ incorporates multiple tag standards and offers programmable on-board memory, which provides an effective answer to increasing needs within today's security market. Customers can now use multiple tag technologies on the same system allowing migration from 125 kHz to 13.56 MHz technologies.

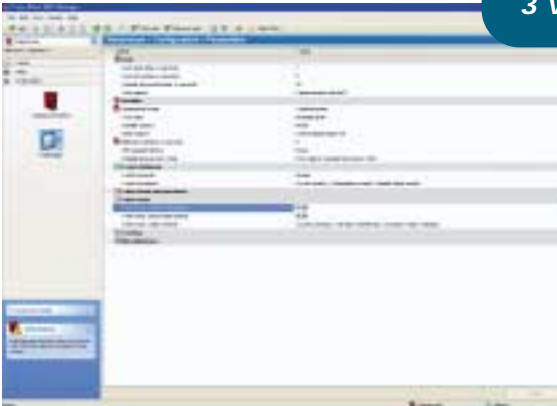
XM3 supports dual RFID technologies



Programming of XM3

XM3 readers can be programmed in three ways; by Mastercards, Remote Programmer or PC. Adding or voiding cards can be done by Master cards. To void lost cards, the wireless XRP3 remote programmer can be used. With the XM3 Manage software, installers and end-users can set up & maintain their complete access control solution in a very user friendly way. Events can be collected and sent by e-mail. Reader settings like door open time, closed time can be done by the XM3 manage software which comes with the reader.

3 ways of programming



*Programming via software
(recommended)*



Programming via mastercards



*Removing of lost tags using
remote programmer*

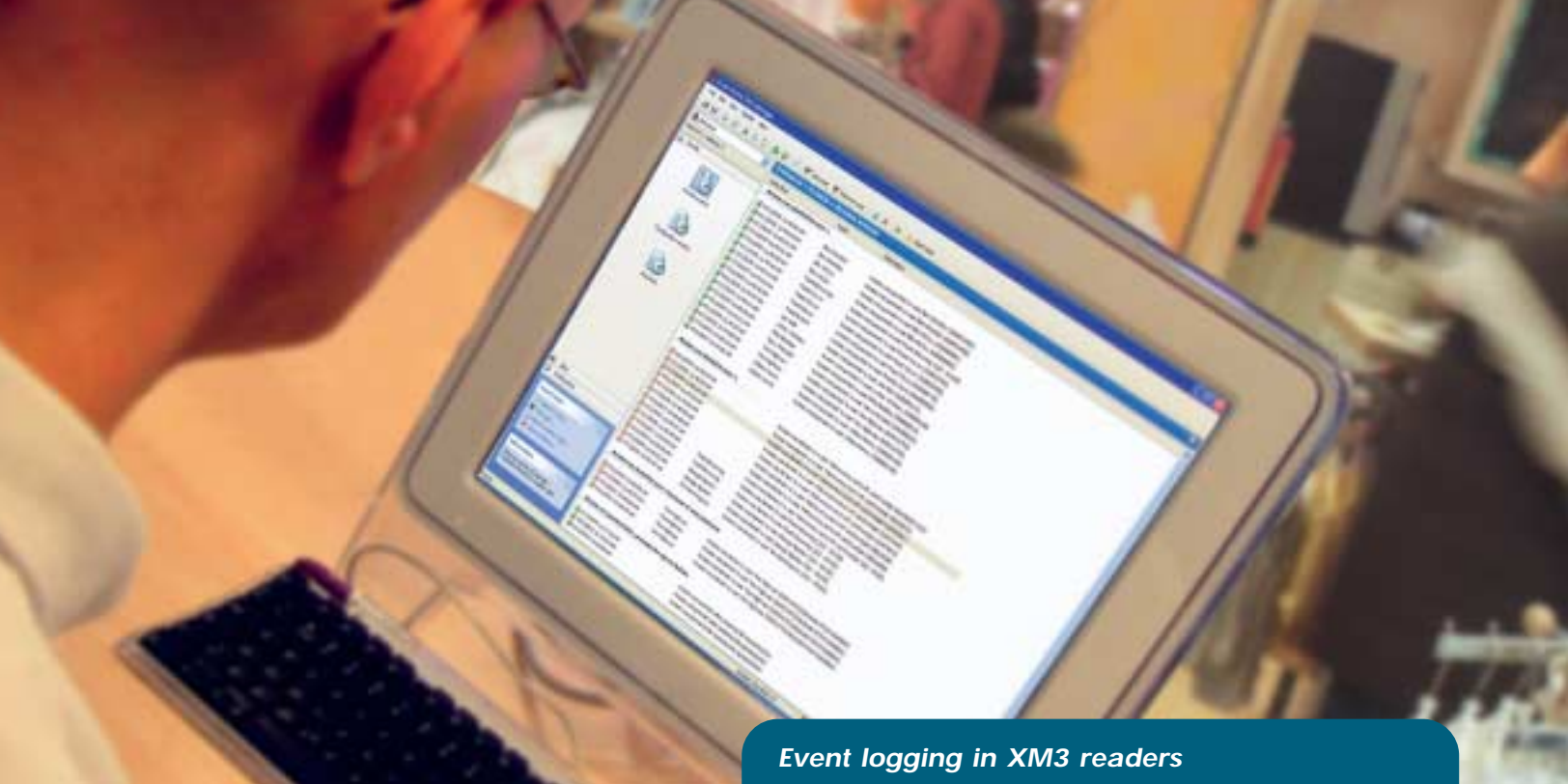
Wireless keypad

For an even higher level of security, PIN codes can be added by mounting Cross Point's unique wireless keypad alongside an XM3 MICROPROXS™. Activation against tampering of the wireless keypad can be set in the XM3 Manage software. PIN codes can be applied for both off-line and on-line use of the XM3 MICROPROXS™. The PIN keypad can also be used to program the XM3.

If an XM3 MICROPROXS™ is used in combination with the wireless keypad in off-line mode, the keypad can be used as a programmer in combination with a program master card. Using the internal clock, the PIN Keypad can be activated after working hours or in weekends only.

Wireless PIN keypad





Event logging in XM3 readers
Reports can be sent by e-mail

Event logging

Events can be logged within the XM3 stand alone readers in combination with user names and date & time stamp. Events can be filtered for 'access only' events or for instance show 'all events' or 'configuration events' only. Access events can show you precisely who came into your building and who left at what time and date. XM3 Manage software supports an extensive search function so events can be traced and tracked by user name or a specific time- and date. Reports can be downloaded using the XM3 Manage software, reports can be saved in XML, CSV or HTML files.

Networking Stand Alone Readers

A revolutionary development makes the installation of XM3 readers a very cost efficient solution for the small business segment. It is possible to install up to 32 XM3's in an RS485 network. The XM3 Readers remain operating stand-alone, they function as a controller and reader all in one. There is no need for additional controllers. The XM3 Manage Software enables all XM3 Readers to be configured and maintained from one central location.

XM3 manage software allows easy maintenance and serial linking of stand alone readers

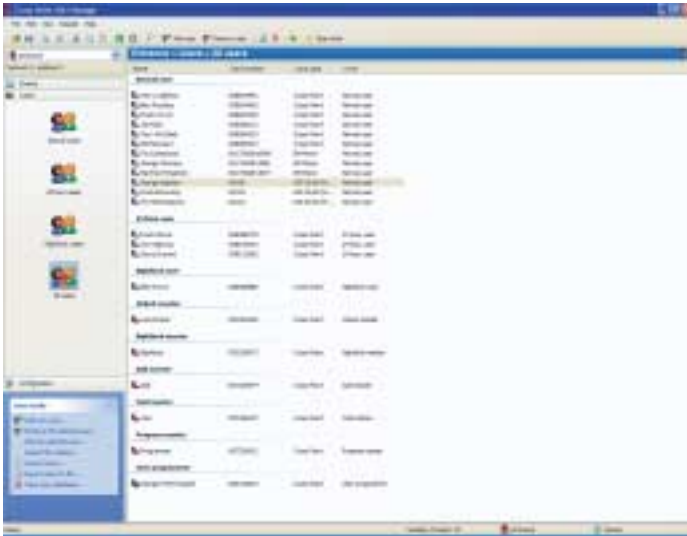


XM3 Manage software

XM3 Manage is an easy-to-use software package for maintaining XM3 readers in an RS485 network. Adding or deleting users, time zones (day and night) or simple anti-pass back features can be set using XM3 Manage software. XM3 Manage software is available in seven languages.

Cross Point supplies 3 different XM3 Manage software packages, which are XM3 Manage for single door units and XM3 Manage for RS485 stand-alone networked units. Cross Point's XM3 Manage Pro dongle is a software key that provides access to additional software features.

State-of-the-art software comes with the XM3 readers



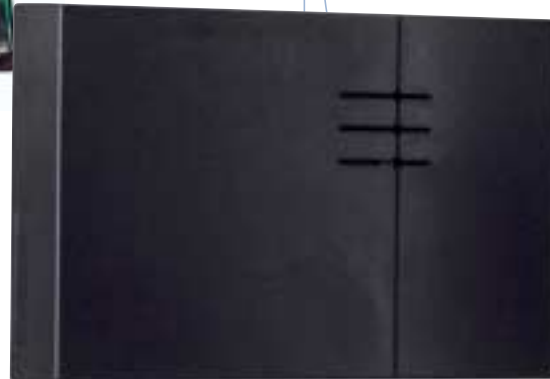
XM3 Manage software is available in English, Spanish, German, Dutch, Italian, French and Portuguese. A language toolkit is available for translations in your language. XM3 Manage is fully OEM customizable.

Connection Units

Cross Point developed dedicated connection units to make the installation of XM3 readers in a network as quick & clean as possible. The connection boxes are individually connected using Cat 5 cable and RJ45 plugs. The connection of the XM3 reader is done using a removable connector plug from the XMCU4 connection box. A colour coding on the connector informs the installer what cable-core colour of the XM3 connects to where on the connector. Just follow the colour scheme!

Cross Point offers 2 type of connection boxes, XMCU4 in the network and the XMCU4A - Advanced - version for installation close to the PC. The XMCU4A - Advanced - version connects to the PC with an USB connection.

Connection units for quick & clean XM3 installation



Small Business Solutions



Robust, secure and approved

The reader is small and robust and is easy-to-use for both indoor and outdoor installations (IP67 rated). The XM3 MICROPROXS™ is secured against potential tampering by enabling the tamper switch. UL listed, FCC and CE certified.

The XM3 MICROPROXS™ reader cover is available in 3 colours: black, blue and red. There is also a stainless steel vandal resistant cover available. Every cover can be customized upon request.



Available in 3 colours: black, blue and red
Vandal resistant cover

Readers

XM3 reader versions

- XM3 STAND-ALONE** *Single door operation (up to 5000 users)
125kHz single technology or a combination of dual technology with HID or MIFARE
Programming via master cards, remote programmers and PC
Event Logging
Anti pass back (timer)
Time zones
Wireless PIN code option
PC software available for stand-alone networking
Load & save data in XML, CSV or HTML
Combination with Bioscrypt V-pass possible
Holiday pre-programming
User validation*
- XM3 SINGLE DOOR** *prox reader with database for single door use only
programming via master cards, remote programmer and PC
no event logging in the reader
no networking of the readers in an RS485 bus
other than that full XM3 stand alone options
reads Cross Point 125kHz tags only*
- XM3 ON LINE** *125kHz single technology or combination with dual technology with HID or MIFARE Interfaces: ABA magnetic stripe output, Wiegand or RS485
7 leds, buzzer, tamper, 4 IO's*

Software

XM3 MANAGE SINGLE DOOR

PC software for easy set-up and maintenance of the XM3 single door reader

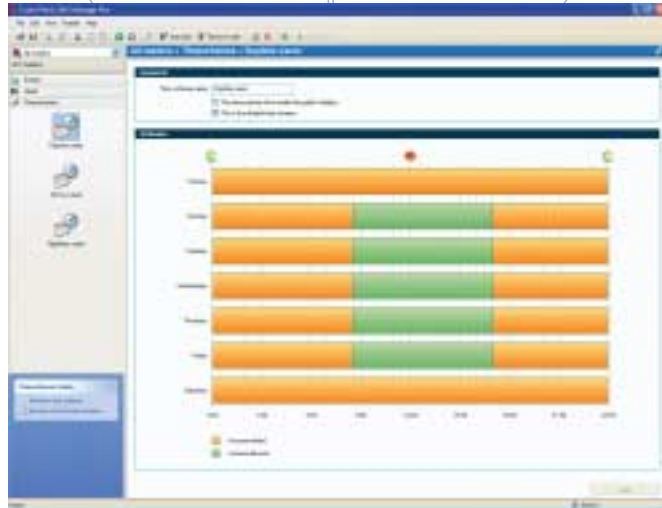
XM3 MANAGE STAND-ALONE NETWORKING

PC software package for easy set-up and maintenance of the XM3 stand-alone readers the stand-alone readers can be connected in an RS485 network. Software manages the user database, events, reader settings, holidays, day-night or 24 hours users, timed based anti-pass back. lock and unlock time and much more.

XM3 software versions

XM3 MANAGE Pro

The Pro software is supplied via a Pro Dongle software key and provides XM3 Manage additionally with multiple time zones and user validation.



XM3 Specifications

Memory

- *Flash* : 8K Bootloader, 24K Operating System, 28K Application
- *EEPROM Size* : 32KByte Standard
- *EEPROM Configurations* : 17 different files selectable

Configuration 18 option	User IDs	User PIN codes	User Names	Event logging	User Validation	User Validation	
0	5000	no	no	no	no	no	
3	2400	yes	no	1000	no	no	
5	1000	yes	yes	no	no	no	default XM3 single door
7	800	yes	yes	1000	no	no	
11	1000	yes	yes	500	no	no	default XM3 manage
16	640	yes	yes	500	yes	yes	recommended Pro settings
17	250	yes	yes	1750	yes	yes	recommended Pro settings

Read Range

XC4 ISO prox card : 90 mm

XK2 key tag : 60 mm

XK3 key tag : 60 mm

In combination with XMRE3 range extenders the read range can be extended to 450 mm with XC4 ISO prox cards.

XM3 Specifications

Communication interfaces

- RS485 : max 32 units
- Mag. stripe output : ISO track 2, Clock & Data, ABA
- Wiegand : 26, 34, 37 bit

I/O interface

- tamper switch input
- 4 buffered user I/O's : user selectable
- solid state relay output : 1A/30VDC, open collector
- cable : 3meter / 12 wires
- connection unit : 2A/30VDC, relay

Power

- Voltage : 12VDC +/- 5%
- Current Consumption : 40 mA nominal

Environment

- Temperature : -15° C min 70° C max in operation, -40° C min to 90° C max storage
- Humidity : max 100%

XM3 Article codes + description

Readers

- *XM3 SAEM (B, BLU, R) : XM3 stand alone single-technology EM 125 kHz*
- *XM3 SAHID : XM3 stand alone dual-technology EM + HID*
- *XM3 SAMF : XM3 stand alone dual-technology EM + Mifare® (serial number)*

- *XM3 SDCP (B, BLU, R) : XM3 single door cross point 125 kHz*

- *XM3 OLEM (B, BLU, R) : XM3 on-line single-technology EM 125 kHz*
- *XM3 OLHID : XM3 on-line dual-technology EM 125 kHz + HID*
- *XM3 OLMF : XM3 on-line dual-technology EM 125 kHz + Mifare® (serial number)*

Software

- *XM3CDSD : XM3 manage PC software for single door units*
- *XM3CDSA : XM3 manage PC software for stand-alone networking*
- *XM3PROD : XM3 manage Pro for additional time zones & user validation*

