

# M-Series

## Modular Design

Designed to accommodate **between 10 and 20 keys (or key sets)**, the innovative **M-Series** design allows for starting small and later expanding by adding multiples of 10 key positions (called receptor strips) as required.

**Receptor strips** are defined as locking or non-locking. Locking receptor strips **lock the iFob™** in place restricting access to authorised personnel down to the individual key. Non-locking receptor strips provide a solution for organisations requiring less security but still an audit of key usage. **Tri-colour LED's** indicate which keys can be taken, which keys are restricted and assist the user with returning the key to the correct location.



Fig 1. Locking Receptor Strip with tri-colour LED's

**Extension cabinets** can be connected to the M-Series although normally S or L Series cabinets would be specified if larger capacity is required



Fig 2. M-Series system with 2 extension cabinets example

The cabinets can be supplied with a clear polycarbonate or metal door, or with no door if specified.

The control pod consists of the user interface which includes the LCD, keypad and card or biometric reader.

## PC Software Administration

The M-Series is administered from the user friendly **Traka32 Windows software** supporting a **Microsoft Access** or **SQL database**.

The M-Series can communicate with the Traka32 software using a range of different options including **Ethernet**, **Wireless Ethernet**, **GPRS**, **RS485**, **RS232** and **modem**.

**Multiple systems can be networked together** over a Local or Wide Area Network to provide accountability for a **limitless** number of keys administered from multiple PC workstations running the Traka32 software.

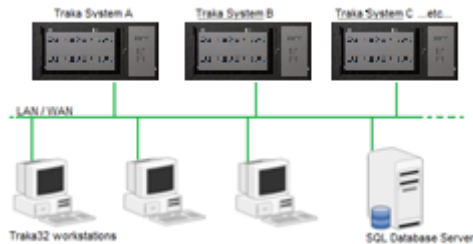


Fig 3. Typical network setup



## User Identification

The M-Series can support any type of access control device required to identify a user to the key system. Supported devices include **RFID proximity readers** from all leading access control manufacturers, **magstripe**, **barcode** and **biometric technologies** such as **fingerprint**, **hand**, **vascular** and **retina** scanners are also supported.



## SPECIFICATION

<b>Dimensions:</b>	H290 x W756 x D150 (mm)
<b>Power Supply:</b>	Input: AC100-240V Output: DC15V
<b>Battery Backup:</b>	DC12V 3.2Ah (24 hour)
<b>Power Consumption:</b>	30W max
<b>Cabinet Material:</b>	Zintec Steel
<b>Colour Options:</b>	Black MNA03 or Cream RAL1013 powder coated
<b>Door Material:</b>	Clear polycarbonate or metal
<b>Operating Temp:</b>	Ambient. For indoor use only
<b>Mounting:</b>	Wall or cabinet stand mounted
<b>Key Positions:</b>	10-20 (40 double density)
<b>Receptor Strip Support:</b>	Locking, Non locking, Double Density (20 positions), combination of both - all support Tri-Colour LED's
<b>Users per system:</b>	16,000
<b>Communications:</b>	Ethernet (AES-256 encryption optional), Wireless Ethernet, GPRS, RS485, RS232, Modem
<b>Reader Interface:</b>	Wiegand, Clock/Data ABA Tk2, RS232, TTL, Wiegand Anti pass-back, PIN only
<b>Alarm Interface:</b>	3 of 1A/24V relay contacts for connecting to alarms, access control systems, CCTV etc
<b>Certifications:</b>	CE, FCC, ROHS, UL

**Note:** - For specific information on the vast array of standard and optional software features available please contact Traka or your supplier.

