MCDI SECURITY PRODUCTS

RoHS Compliant

decrypta 4



Decrypta 4 is the most recent alarm receiver from MCDI. Based on legendary D2 and D3, D4 has completely redesigned electronics.

Redundancy features such as dual lines, dual power sources, dual output makes this new receiver a must for ARC or for any institution or corporation who wants to self monitor. D4 is easy to set-up, easy to use no matter if in a Guard booth or in a Control room.

Features

At MCDI SP we think inside the box but what a box we made!



Raise integrated stand for easy reading in stand alone mode.



Flat for easy stacking and use of multiple D3 with inexpensive USB hub.



Remove outer cover for installation inside a PC or a server in a standard CD/HDD slot

√RoHS compliant
Made especially to meet China, Europe, Turkey and Japan RoHS and WEEE requirements, D4 is made with lead free components.

Superior design
We designed D4 with functionality and uptime in mind. A smaller form factor to stack more and to fit in servers, electronic not requiring fans, no moving parts prone to break and keypad with sealed buttons are sure to make this receiver one of the best and durable value in the security industry.

Receiving more!
Over 20 alarm formats supported including Contact ID, SIA and Pulse. Events are reported to PC in MCDI, MCDI Extended, Surgard or Ademco 685 modes to be compatible with most Monitoring software on the market such as SECURITHOR, WINSAMM, SAMM, A-Traq, Patriot, SIS, SIMS, Microkey and Central works.

Fast and easy set-up
D4 is fully controllable either from connected PC or from front display and controls. Easy set-up in a few minutes without the need of factory technicians or the complicated menus of legacy receivers.

Fast response from receiver is insured by MCDI generation^4 programming. Handshake sequences, rings and several parameters are programmable to present panels with the right handshake. Favourite handshake sequences can be stored for up to 10000 accounts.

Multi-lingual display
Configuration menus are available from front display menus in English, French, Spanish, German, Italian, Portuguese and Russian. More languages available from PC configuration tool.

Easy to read alarms signals
D4 is ideal to use in Stand Alone supervision such as guard booths: no PC and software needed in most cases. Just read the incoming alarm from the front display and browse up and down incoming alarm events by order of arrival. Caller ID is also displayed when available. An external 5V relay at the back can trigger lights, sirens.

Dual Power Sources
D4 can be powered by included power supply or external battery thus making sure your receiver keeps on receiving for days even in case of power outage.

Dual Inputs
2 RJ11 phone line jacks. Alarms can be received on both lines simultaneously. Lines are identified with a line number (0 to 255) for the Monitoring Software thus making it possible to have D4 identified as two receivers or several D4 grouped as one receiver.

Dual Outputs
Connection to computer: 1 USB port and 1 serial port. One is used as primary for acknowledge and the second one for logs or redundancy.



Dual logs
Printer is used to hardcopy raw logs from D4 as alarms are received. Secondary output sends signals to log file in PC (Windows logger supplied-.Net required).



SECURITHOR Mobile Web Viewer option
D4 events can be viewed online using STM Mobile web viewer from MCDI. This special version let's you view events and descriptions on iPhone, Android phones or iPad like devices with internet access. STM is sold separately from Ed or D4.



Extend with D4a or DT42
You can couple D4 receiver with **D4a** or **DT42**. Both will grab the output of D4 to give it more capacties such as viewing traffic on the web and adding a 4000 accounts database to your D4. **D4a** and **DT42** web interface will show account info and alarm description in clear language. Ideal for Guards who can view in booths on tablets or even on patrol over 3G/4G. Push notification to 5 Android devices also sent upon alarm signal receipt..



Permanent status bar and LEDs indicator



Directly from the front window, now see exactly what is happening from line communication, dead line detection for both phone lines , online/off line printer to communication or absent PC. Display status bar is doubled by flashing green and yellow LEDs to notice line and PC connections from distance. Power LED shown in status plus flashing to indicate if D4 is switching from main power to battery back-up.

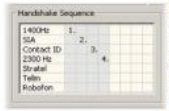
Display:
Easy to read graphic display. Incoming signals breakdown by line number, receiver number, date, time, account/alarm codes and caller ID.



D4 displays last 4095 events with automatic or manual mode (acknowledge required). Option to keep last event permanently on display or to require operator's acknowledge.

If not using a Monitoring software, acknowledgement of incoming alarms is done by pressing the Alarm acknowledge key (CR).

Extended memory and logs
D4 displays last 4095 events while power is maintained. Events are displayed on LCD as a sequential pile when power is maintained. Options to jump in pile are controlled by front keys. Memory is protected by NV ram.



Handshake sequence
Programmable handshake sequence lets you program the formats you want and forget about the ones you are not using in order to speed up the time D4 takes to answer. Favourite sequences are stored for up to 10000 accounts.

DRIVERS AND COMMUNICATION
USB drivers supplied Windows Server 2003, XP, Vista, Server 2008, 7, 8, 8.1, 10, Server 2012.
Serial communication with DOS, Linux, and Windows. D4 can be configured and operated without PC or with PC using OS with .net 3.5 enabled.

Automation software
D4 is designed to work at its best with **SECURITHOR** from MCDI SP. But it's also compatible with most Automation Software on the market including SAMM, WINSAMM, Patriot, Bold, FROUROS II, SIS, SIMS, Softgard, Centralworks. D4 Reporting to Automation software in MCDI, MCDI enhanced, Ademco 685, MLR2, MRL2000 modes. Supports 3 digits line numbers and 3 digits receiver numbers in MCDI SP and SG enhanced modes.



Form factor and construction:
The EXTRIUM box
D4 is made with the Extrium family box. At MCDI, thinking inside the box means we make special boxes that can be used several ways. D4 outer cover includes a stand for raised or stackable position as a desktop unit. Remove outer cover and D4 can be used inside a PC or a server because it's the exact form factor of a CD unit/ hardrive unit. Exactly what you need for operation in a server colocation rack or a remote unattended location. PC standardized screws on sides make it also easy to secure in a guard booth or factory plant.



Fan-less design and no mechanical moving parts ensure you get the best uptime.

No springs buttons: D4 buttons are sealed and incorporated in front membranes. All commands are also available from PC Configurator



Neat anodized blue finish -RoHS compliant.
Acrylic removable outer box cover.

Power Requirements:
Auto reboot upon power restore. From 9-12V DC Battery/ Power Supply: 250mA with fall-over management. Included power supply: 96-240V auto-ranging. IEC13 power cord to wall outlet.
Energy saving automatically switches LCD backlight when switching to battery.

Relay
D4 is fitted with an internal relay to trigger externally powered devices such as a visual indicator, strobe light or siren. Terminal posts, dry contacts, on the back of D4 for normally open and normally close positions. Relay is triggered each time an alarm signal is received by D4. Relay maximum current 30VDC 1A max.

Station Requirements
-D4 can be configured and operated without PC by menus on front display in English, French, German, Italian, Portuguese, Russian and Spanish.

-Configuration by PC through USB or serial port. PC configuration tools requires installation of Microsoft .NET 3.5 framework supplied on D4 CD. PC configuration tool in Arabic, English, Farsi, French, Italian, Portuguese, Russian and Spanish

-POS printer of compatible with Epson T family . Designed to use with Epson T88V.

-Wireless phone link for mobile use: GSM 1800/1900 or analog to RJ11 commuted .

-Caller ID service must be provided by Telco (Bellcore type 1 or compatible ETSI types) for Calling phone number to display.

Multiple D4 and a
USB HUB
Several D4 can be linked to a single USB port on PC using a low cost USB hub.



Specifications may change without further notice. Please check our web site to always get the latest specifications.