RoHS Compliant

decrypta^3

Decrypta 3, the first alarm receiver totally compliant to Europe and Japan RoHS requirements is the direct descendant of legendary D2 from MCDI SP.

D3 is built in a new form factor that will fit in servers, PC or on your desktop. Dual power sources, dual ouputs -USB and serial - and MCDI SP generation 3 faster programming makes D3 as easy to use and set-up if you are using one in a Guard booth or managing several in servers. D3 is backed by years of experience from D1 and D2 by MCDI Security Products innovative design in monitoring products.

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/HD slot

√RoHS compliant
Made especially to meet Europe and Japan RoHS and WEEE requirements, D3 is the only alarm receiver totally made with lead free components.

Superior design
We designed D3 with functionnality and uptime in mind. A smaller form factor to stack more or to fit in servers and PC, electronic not requiring fans, no moving parts prone to break and keypad with sealed buttons 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, Patriot, SIS, SIMS, Microkey and Central works.

Fast and easy set-up
D3 is fully controllable either from connected PC or from front diplay 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^3 programming. Handshake sequences, rings and several parameters are programmable to present panels with the right handshake. Favorite handshake sequences can be stored for up to 10000 accounts.

Multi-lingual display
All configuration menus are available in English, French, Spanish, German and Portuguese.

Easy to read alarms signals
D3 is ideal to use in Stand Alone supervision such as guard booths: no PC and software needed in most cases. Just read the contact ID alarm code definitions and account numbers. Caller ID is also diplayed when available. External 5V relay at the back to trigger lights, sirens.

Dual Power Sources
D3 can be powered by included power supply or external battery thus making sure your receiver keeps on receiving even for days 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.

GSM back-up
D3 supports wireless phone link for mobile use such as MCDI GSM backup interface GCI1800 and GCI1900. Sold separately.

Dual Outputs

For connection to computer: 1 USB client port and 1 serial port. Both outputs transmit alarm signals received by D3. One is used as primary for acknowledge and the second one for logs or redundancy. Signal can be sent to 2 separate PCs or in the same PC to separate applications.

Dual logs

Printer is used to hardcopy raw logs from D3 as alarms are received. Second output sends signals to log file in PC (Windows logger supplied-java required).

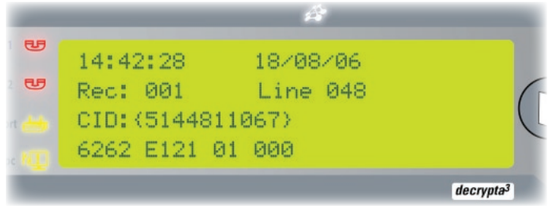
Extended memory and logs
D3 displays last 1800 events while power is maintained. D3 keeps in buffer the last 1800 events (4x2 no Caller ID). Events are displayed on LCD as a sequential pile when power is maintained. Memory is protected by NV ram.

Check mcdi.com for complete specifications to come September 2006. Available as non RoHS version for Americas 09-2006 and RoHS for Europe and Japan starting 10-2006.

New! 8 LEDs for status

Directly from the front window, now see exactly what is happening from line communication, dead line detection for both phone lines to online/off line printer, communication or absent PC. Power LED shown in status plus flashing to indicate if D3 is switching from main power to battery back-up.

Display:
Easy to read 4 lines x 24 characters display. Incoming signals breakdown by line number, receiver number, date, time, account/alarm codes and caller ID. D3 Displays last 1800 events. Set-up menus in English, French, German,



Spanish and Portuguese. All operations available on display. If not using a Monitoring software, acknowledge of incoming alarms is done by pressing the Alarm acknowledge key (CR).

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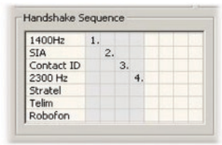
Handshake sequence



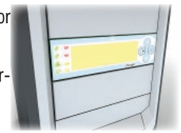
New programmable handshake sequence lets you program the formats you want and forget about the ones you are not using in order to speed up the time D3 takes to answer. Favorite sequences can be stored for up to 10000 accounts.

DRIVERS AND COMMUNICATION
USB drivers supplied for Linux, Macintosh, Windows 98, ME, 2000 and XP. Serial communication with DOS, Linux, Windows 95SE, 98, ME, 2000 and XP. DECRYPTA^2 can be configured and operated without PC or with IBM™ or compatible 486 Pentium computer and up. Java class configuration tools supplied, java engine required. Linux tools supplied.

Automation software
D3 is designed to work at his best with SECURITHOR from MCDI SP. But it's also compatible with most Automation Software on the market including SAMM, WINSAMM, Patriot, Bold, SIS, SIMS, Centralworks. Reporting to Automation software in MCDI, MCDI enhanced, SG MLR2, MRL2000 modes. Supports 3 digits line numbers and 3 digits receiver numbers in MCDI SP and SG enhanced modes.

Size and construction:
The EXTRIUM box
D3 is made supplied with the Extrium family box. At MCDI, thinking inside the box means we make special boxes that can be used several ways. D3 outer cover includes a stand for raised or stackable position as a desktop unit. Remove outer cover and D3 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 also to easy and secure fixing in a guard booths or factory plants.

Fan-less design and no mechanical moving parts for operation ensure you get the most uptime.



No springs buttons: D3 buttons are sealed and incorporated in front membranes.
Neat anodized green finish -RoHS compliant.
Acrylic removable outer box cover.

Power Requirements:
From 9-12V DC Battery/ Power Supply: 4.65W with fall-over management.
Included power supply: 96-240V auto-ranging. Local power Din power cord must be supplied.

Relay
D3 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 D3 for normally open and normally close positions. Relay is triggered each time an alarm signal is received by Decrypta^3. Relay maximum current 30VDC 1A max.

Station Requirements
-DECRYPTA^3 can be configured and operated without PC. Operation by menus on front display.

-Configuration by PC through serial communication: IBM™ or Compatible AT, 386, 486, Pentium computer, 640Kb RAM, available Com port. Configuration by PC through USB port: PC support for USB interface.

-OS, Serial communication: DOS, Linux, Windows 95, 98, ME, 2000 or XP.
OS, USB and serial communication: Linux, Windows 98, ME, 2000 or XP.

-Printer with Centronics parallel interface. Cable with DB25 and DB9 connectors supplied

-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) for Calling phone number to display.

Multiple D3 and a USB HUB
Several Decrypta^3 can be linked to a single USB port on PC using a low cost USB hub.

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

The EXTRIUM family box: efficient design that works for you

MCDI gave a special attention to design when drawing a box for all receivers of the Extrium family. The mandate of our designers was to make a smaller box, efficient and multi-purpose. We specifically asked them not to make a big black box.

The result is an intelligent box that let's you use a receiver either as a desktop unit, stacked or for inclusion in a PC or server. Based around a core aluminum chassis, the box is surrounded by an outer box of clear acrylic.

But of course pretty is not enough. We insure the design allows for use without fans by including generous natural ventilation openings. The placing of components inside the box insure that the few components generating heat are placed near the ventilation holes. We also maximized the internal components to include a 2 phone line receiver, a CPU board with ethernet, usb and up to 4 serial ports, a SD card, a LCD display and a lithium-ion battery for 1 hour stand alone autonomy (Extrium, Extrium::db models). All this and more in a package 14 cm wide.

Decrypta 3 in a raised position to allow better view of the front display

2 EXSA connected to EXTRIUM::DB alarm receiver and router.

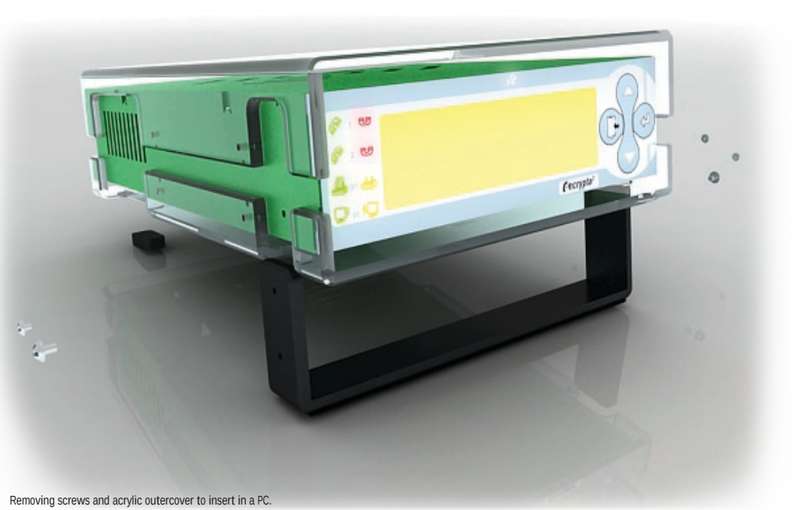
EXSA DECRYPTA 3 DECRYPTA 4 EXTRIUM::db

See animations of Decrypta 3 and the Extrium box online at: www.mcdi.com/thebox

All models of the EXTRIUM -apart from D6- are made using this same box to insure stacking compatibility and parts interchangeability. This helps in designing for heat disipation when several units are stacked and easy interconnection. Standardization of the box also helps lowering prices.

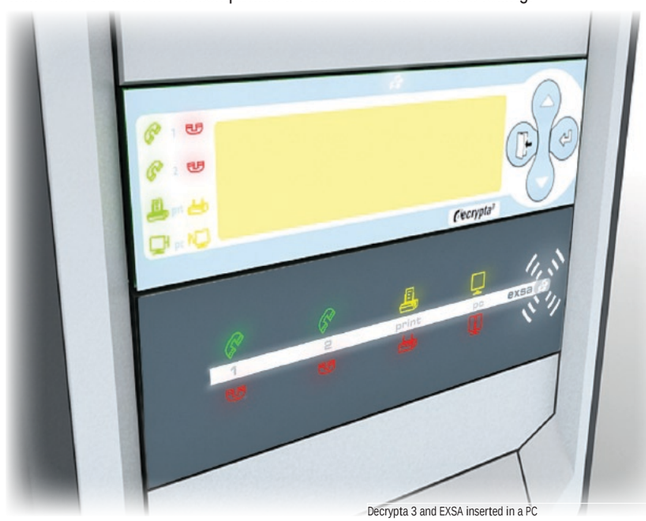
It's also a plus when using several models to extend the number of lines. In this example, one Extrium::db unit handles 2 EXSA dual line receivers to increase the number of line to 6.

By removing the outer acrylic box, the Extrium core chassis slides easily in a PC or server standard slot has it is precisely the dimensions of a 5.25' opening like a CD burner or hard drive. By adjusting the front black feet you can either use the units for stacking (lowered position) or raised for easy reading of the front display. That's what why we called it our 3 way design.



Removing screws and acrylic outercover to insert in a PC.

Insertion in a PC or server: by removing the acrylic outer cover, you can slide an Extrium family receiver in a PC to save space, to reduce theft risk or to benefit from the PC's 12V power supply. This makes it easy to use an Extrium family receiver in a remote site or in a server room. The attention to details is so that even the screws from the outer cover are compatible for installation in the PC's railing.



Decrypta 3 and EXSA inserted in a PC

Decrypta 3 and EXSA rear view

The Extrium family is made for easy access to connectors at all time and uses standardized connectors, not just post. Extrium family does not require a service technician to install and most connector used are of a lock type to insure they stay in place. All the Extrim family comes wih electrical redundancy allowing for 2 power input source and sometimes 3.