

# Cerberus PRO Modular – Detectors and peripherals, perfectly connected.

P2

Cerberus PRO Modular

P2

## Cerberus™ PRO Advanced detectors with ASAtecthology™

- Advanced multi-criteria fire detector utilizing optical, thermal, and optional CO sensor
- Extreme immunity to deceptive phenomena while providing enhanced detection with the industry's only No False Alarm Guarantee
- Provide redundant optical and thermal sensors for extraordinary reliability
- Comply with NFPA 76 (Telecommunication Standard) as a Very Early Warning Fire Detector (VEWFD) as a result of high-sensitivity alarm capabilities
- Include a multi-purpose carbon monoxide (CO) life safety and fire detector
- Selectable as a multi-criteria fire detector and/or a CO life safety gas detector
- Environmentally friendly "green" detectors, as they are RoHS-compliant and replace the need for ionization detectors due to forward/backward light scattering technology
- Provide multiple selectable temperature alarm thresholds, fixed and rate-of-rise
- Provides optional supervisory temperature & CO (PPM) threshold capabilities.



**Multi-criteria fire detector OOH941**  
Order no.: S54320-F7-A2



**Multi-criteria fire/CO detector OOH941**  
Order no.: S54320-F8-A2

Compatible with bases below

## Cerberus™ PRO standard detectors

- Solution for standard applications with average risk and moderate potential for deceptive phenomena
- Prevents false alarms thanks to intelligent algorithms
- Thermal detector provides 7 selectable alarm thresholds, fixed and rate-of-rise.
- Offer wide operating temperature & relative humidity (RH) range
- "Green" detectors, as they are RoHS-compliant, meeting the standards regarding the restriction of the use of certain hazardous substances in electrical and electronic equipment



**Multi-criteria fire detector OH921**  
Order no.: S54320-F6-A2



**Thermal (heat) detector HI921**  
Order no.: S54320-F5-A2



**Optical (photoelectric) smoke detector OP921**  
Order no.: S54320-F4-A2

Compatible with bases below

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**Detector base DB-11**  
Order no.: 500-094151



**Detector base DB-11E**  
Order no.: 500-094151E



**Detector relay base DB2-HR**  
Order no.: S54370-F12-A1



**Audible base ABHW-4B**  
Order no.: S54320-F13-A1



**Audible base ABHW-4S (520Hz)**  
Order no.: S54320-F14-A1



**Ceiling mount remote lamp RL-HC**  
Order no.: 500-033230



**Wall mount remote lamp RL-HW**  
Order no.: 500-033310

## Remote indicators

- Are connected to automatic fire detectors that are not easily accessible or visible
- Contain an indicator lamp unit with one or two LEDs which will light up when the connected detector triggers an alarm



**Class X Intelligent Lamp, Ceiling Mount, Tri-Color LED with Built-In Isolator ILED-XC**  
Order no.: S54370-B6-A1



**Class X Intelligent Lamp, Wall Mount, Tri-Color LED with Built-In Isolator ILED-XW**  
Order no.: S54370-B5-A1

## Air duct housings

- Backward compatible with H-series detector
- Same footprint as existing Siemens duct housings
- Include optional remote test feature and indicator
- New, improved features include easy installation, improved operating temperature range, and optional in-duct carbon monoxide (CO) detection
- TSM-X is self contained I/O modules, T-45 test switch and status indicator with built-in isolation.



**Air duct housing FDB2492**  
Order no.: S54319-B22-A1



**Air duct housing with relays FDB2492-HR**  
Order no.: S54319-B23-A1



**Optional water-tight enclosure NEMA 4X FDBZ-WT**  
Order no.: S54319-B26-A1



**Remote test lamp FDB2492-RTL**  
Order no.: S54319-S27-A1



**Class X Intelligent Test Switch Wall Plate & Isolator TSM-1X**  
Order no.: S54370-B7-A1



**Weather-proof enclosure NEMA 3R WP-2000**  
Order no.: 500-649714

## Manual pull stations and accessories

- Are for immediate manual actuation of a fire alarm or an extinguishing process
- Direct alarm actuation by pulling down locking lever
- For indoor and outdoor applications
- For surface- and recess-mounted feed lines in easily accessible places



**Single action manual pull station HMS-S**  
Order no.: 500-033200



**Dual action manual pull station HMS-D**  
Order no.: 500-033400



**Single action metal manual pull station HMS-M**  
Order no.: 500-033450

## Line modules

- Intelligently connect independent, potential-free make-or-break contacts
- Can be independently configured via a fire control panel for status or alarm messages
- Input modules monitor devices responsible for alarm inputs and confirm signals or technical states etc.
- Class X series I/O have built in isolation (replaces the need for HLIM's)
- Output modules control other equipment, such as door holders, fire dampers, smoke control systems, plant shutdown etc.
- FDCIO422 provides 4 in / 4 out with Class A wiring and AC rated contacts



**Class X Dual Input Monitor Module with Built-In Isolator XTRI-D**  
Order no.: S54370-B2-A1



**Class X Single Input Monitor Module with Relay & Built-In Isolator XTRI-R**  
Order no.: S54370-B1-A1



**Class X Single Input Monitor Module with Built-In Isolator XTRI-S**  
Order no.: S54370-B3-A1



**Class X Mini Input Monitor Module with Built-In Isolator XTRI-M**  
Order no.: S54370-B4-A1



**Control point HCP**  
Order no.: 500-034860



**Conventional zone module HZM**  
Order no.: 500-034850



**Input/output module FDCIO422**  
– 4 inputs, 4 outputs  
– Class A and B wiring  
Order no.: S54322-F4-A1



**Line isolator HLIM**  
Order no.: 500-033170



**Mini single input interface module HTRI-M**  
Order no.: 500-034000



**Single input interface module with relay HTRI-R**  
Order no.: 500-033300



**Dual input interface module HTRI-D**  
Order no.: 500-033360



**Single input interface module HTRI-S**  
Order no.: 500-033370

Note: Contact Siemens Tech support for compatible panels.



## Cerberus PRO Modular

Customizable to meet your network needs. Flexible for any application with Cerberus PRO detection.

[usa.siemens.com/cerberus-pro-modular](http://usa.siemens.com/cerberus-pro-modular)

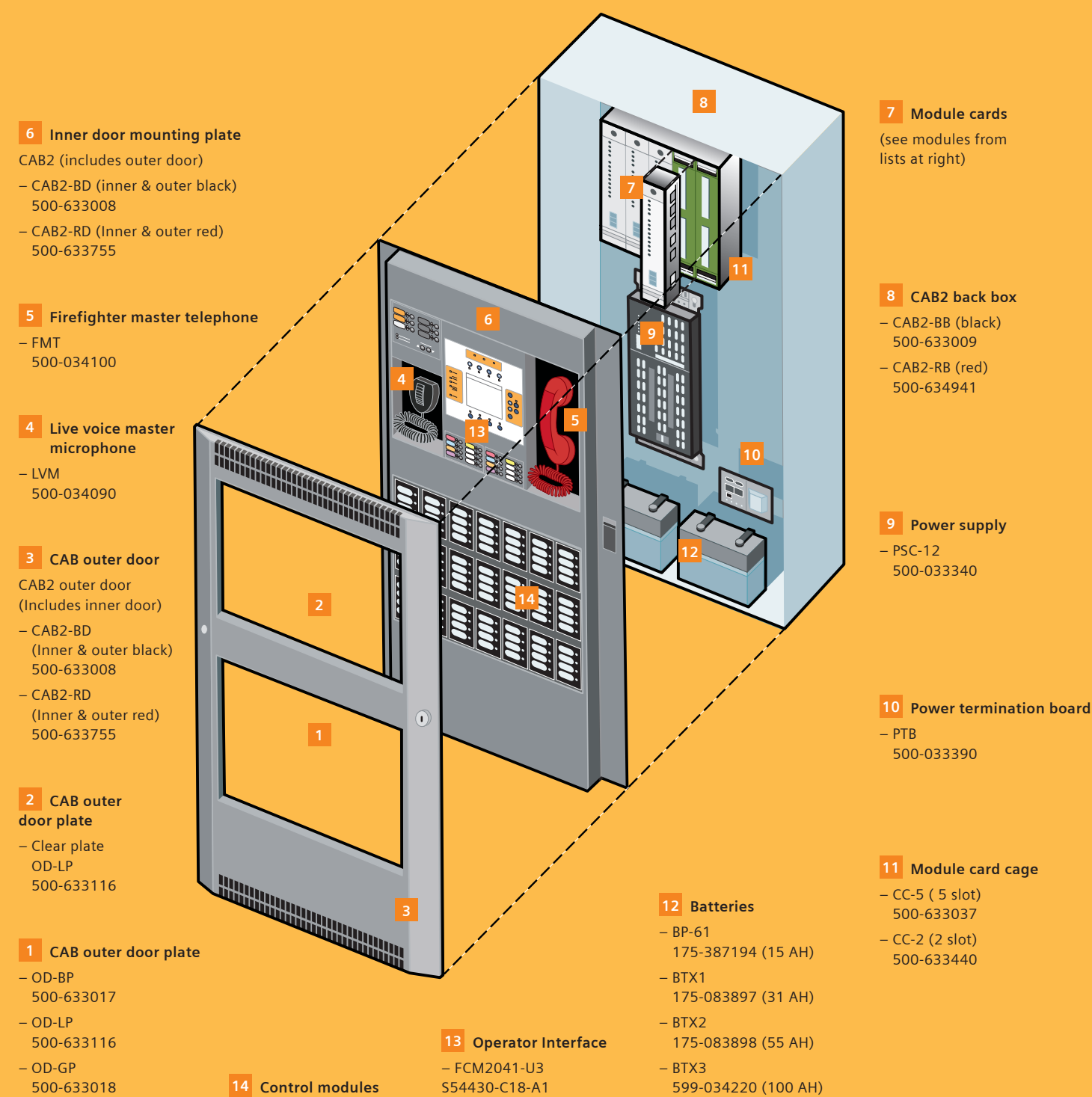
The information in this document contains general descriptions of technical options available which do not always have to be present in individual cases. The required features should therefore be specified in each individual case at the time of closing the contract.

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# Cerberus<sup>®</sup> PRO Modular control panels – design and possibilities

## Cerberus PRO Modular networkable modular control panels



### Basic system equipment

- FCM2041-U3** – New generation system Operator Interface  
Order no.: 554430-C18-A1
- ZIC-4A** – Zone indicating card providing 4 NAC zones coded or non-coded sync, or non-sync strobe, municipal tie, lease line, releasing) 3A each max., Class A or B  
Order no.: 500-033050
- XDLIC** – Intelligent Device Loop Card (2 loops/ 252 addresses total)  
Order no.: 554430-B8-A1
- PSC-12** – 12A@24VDC power supply & 100AH, battery charger, contains 4 relays  
Order no.: 500-033340
- CC-5** – Card cage (5 slots) for all module cards  
Order no.: 500-633037
- PTB** – Power termination board  
Order no.: 500-033390

### Fire system expansion equipment

- Global Operator Interface** – Control Panel User Interface with color touch screen display  
Order nos.: FCM2041-U2 GPMI-2-HW-KEY
- PSX-12** – 12A Power supply extender  
Order no.: 500-034120
- International Overlays** available in:  
Spanish 554430-C10-A1  
Portuguese 554430-C11-A1  
French 554430-C12-A1
- CC-2** – Card cage (2 slots) for all cards/modules  
Order no.: 500-633440
- ZIC-8B** – Zone indicating card providing 8 NAC zones coded or non-coded, class B  
Order no.: 500-648670
- ZIC-2C** – 2 Channel adapter card for ZIC-8B  
Order no.: 500-648671
- CDC-4** – Conventional detector card providing 4 conventional zones  
Order no.: 500-034200
- CRC-6** – Controllable relay card providing 6 form C relays  
Order no.: 500-033250
- MLC** – MXL addressable device line card for Cerberus PRO Modular, (2 loop / 60 devices per loop)  
Order no.: 554431-B4-A1

### Networking options

- NIC-C** – Network interface card  
Order no.: 500-033240
- HUB-4 (w/ MODEM)** – HUB-4 baseboard with Modem Block attached (for NCC WAN connectivity)  
Order no.: 500-048820 (HUB-4) & 500-699355 (Modem)
- NRC** – Network ring card (copper/fiber)  
Order no.: 554430-A2-A1
- D2300CPS** – Multi-mode fiber optic interface (X-NET)  
Order no.: 500-650018
- D2325CPS** – Single mode fiber optic interface (X-NET)  
Order no.: 500-650019
- RNI-CAB-BRKT** – Bracket to mount RNI in CAB-1, CAB-2, CAB-3  
Order no.: 500-650062
- FN2006-U1** – Fiber module single mode (2nd generation NRC)  
Order no.: 554400-A61-A1
- FN2007-U1** – Fiber module multi-mode (2nd generation NRC)  
Order no.: 554400-A62-A1
- RNI** – Remote network interface  
Order no.: 500-033420

### System enclosures

- CAB1** – Small (one row) enclosure (1) backbox, (1) inner door, (1) (OD-LP) - black  
Order no.: 500-633007
- CAB1R** – Small (one row) enclosure (1) backbox, (1) inner door, (1) (OD-LP) - red  
Order no.: 500-633728
- CAB2-BB** – Medium size (2 row) enclosure backbox - black  
Order no.: 500-633009
- CAB2-RB** – Medium size (2 row) enclosure backbox - red  
Order no.: 500-634941
- CAB2-BD** – Medium enclosure inner & outer doors - black  
Order no.: 500-633008
- CAB2-RD** – Medium enclosure inner & outer doors - red  
Order no.: 500-633755
- CAB2-XBD** – Medium enclosure transponder door - black  
Order no.: 599-633768
- CAB2-XRD** – Medium enclosure transponder door - red  
Order no.: 599-633792
- CAB2-BD-OD-LP** – Includes: (1) CAB2-BD, (1) BCL AND (1) OD-LP (outer door shown) - black  
Order no.: 599-050599
- CAB3-BB** – Large size (3 row) enclosure backbox - black  
Order no.: 500-633011
- CAB3-RB** – Large size (3 row) enclosure backbox - red  
Order no.: 500-634942
- CAB3-BD** – Large enclosure inner & outer doors - black (outer door shown)  
Order no.: 500-633010
- CAB3-RD** – Large enclosure inner & outer doors - red (outer door shown)  
Order no.: 599-633757
- CAB3-XBD** – Large enclosure transponder door - black  
Order no.: 599-633769
- CAB3-XRD** – Large enclosure transponder door - red  
Order no.: 599-633793
- CAB3-BD-OD-LP** – Includes: (1) CAB3-BD, (1) BCL AND (1) (OD-LP) - black (outer door shown)  
Order no.: 599-050600
- OD-LP** – Clear lens for cab door  
Order no.: 500-633016
- OD-BP** – Cab outer door blank plate - black  
Order no.: 500-633017
- OD-BP-R** – Cab outer door blank plate - red  
Order no.: 500-634919
- OD-GP** – Cab outer door grill plate - black  
Order no.: 500-633018
- OD-GP-R** – Cab outer door grill plate - red  
Order no.: 500-634920
- ID-FP** – Inner door full blank plate - black  
Order no.: 500-633029
- ID-SP** – Inner door single blank plate  
Order no.: 500-633028

### Remote enclosures

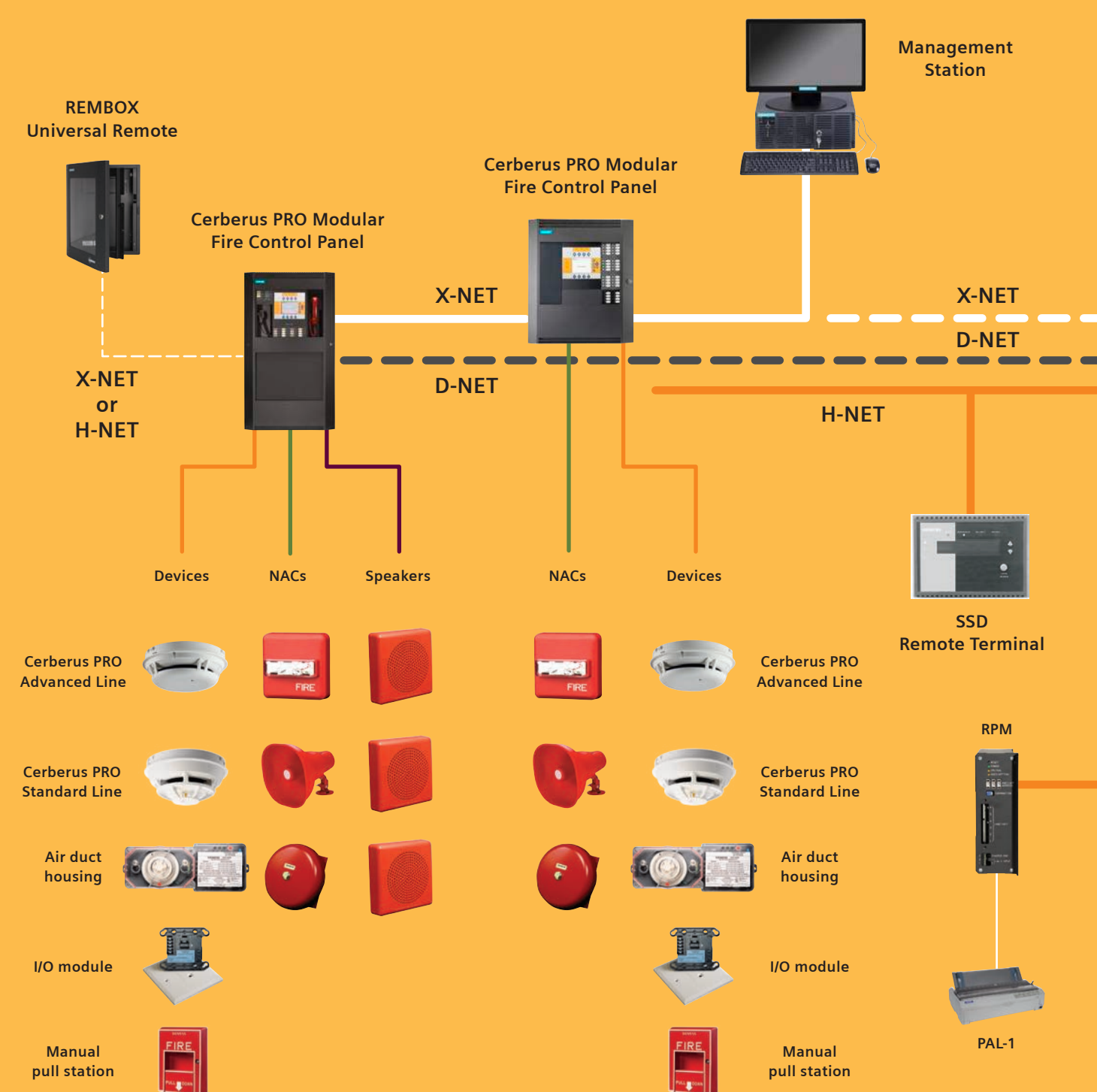
- REMBOX2** – Small remote lobby black enclosure  
Order no.: 500-633772
- REMBOX4** – Small remote lobby black enclosure  
Order no.: 500-633914
- REMBOX2R** – Small remote lobby red enclosure  
Order no.: 500-650612
- REMBOX4R** – Small remote lobby red enclosure  
Order no.: 500-650613
- REMBOX2-MP** – Optional mounting plate for SIM-16 or OCM-16 in REMBOX2  
Order no.: 500-634211
- REMBOX4-MP** – Optional mounting plate for SIM-16 or OCM-16 in REMBOX4  
Order no.: 500-634212

### Rack mount options

- XLS-RK19** – 19" Rack includes rack, door and all side panels  
Order no.: 500-634778
- MPF-RK** – Mounting plate front mounts PMI-2, LVM, FMT, FCM-6, LCM-6, SCM-8  
Order no.: 500-634776
- MPR-RK** – Mounting plate rear mounts CC-5, CC-2, ZAM-180  
Order no.: 500-634775
- BP-RK** – Blank plate  
Order no.: 500-634777
- PTB-RK** – Mounts up to 2 PTBs  
Order no.: 500-634774

# Cerberus PRO Modular control panels for all your needs

## Typical system configuration



### Voice system equipment

- DAC-NET** – Digital audio, voice network card  
Order no.: 500-035100
- LPB** – Local page board  
Order no.: 500-035200
- XDMC** – Digital message card  
Order no.: 554430-B5-A1
- ZAC-40** – Zone AMP card-40 watts (25V, 70V, OR 100V)  
Order no.: 500-035400
- ZAM-180** – Zone AMP module -180 watts (25V, 70V OR 100V)  
Order no.: 500-035600
- AIC** – Audio input card use to input external audio signals into system  
Order no.: 500-035300
- LVM** – Live voice master microphone  
Order no.: 500-034090
- DFM** – D-NET fiber module  
Order no.: 500-634910
- DFM-BRK** – D-NET module mounting board  
Order no.: 500-633779
- ALCC** – Audio line conversion card  
Order no.: 500-650127

### Control modules

- OCM-16** – Output control module supporting 16 LED outputs  
Order no.: 500-033150
- SIM-16** – Supervised input module providing 16 inputs from dry contacts  
Order no.: 500-034060
- FCM-6** – Fan control module providing 6 fan control zones  
Order no.: 500-033140
- SCM-8** – Switch control module providing 8 user programmable switches  
Order no.: 500-033040
- LCM-8** – LED control module providing 8 user programmable LEDs  
Order no.: 500-033100
- BCM** – Blank control module plate  
Order no.: 500-033320
- CSB** – CAN sounder board  
Order no.: 500-033130

### Telephone system equipment

- FMT** – Firefighters' master telephone  
Order no.: 500-034100
- FMT-A-ADPT** – Class A telephone riser adapter  
Order no.: 500-050338
- TZC-8B** – Telephone zone card 8 zones class B  
Order no.: 500-034110
- FTS** – Firefighters' telephone station  
Order no.: 500-299448
- FTS-P** – Firefighters' telephone station push to talk  
Order no.: 500-299452
- FTS-C** – Firefighters' telephone station armored cable  
Order no.: 500-299450
- FTS-CL** – Firefighters' telephone station armored cable & LED  
Order no.: 500-299453
- FTS-PLC** – Firefighters' telephone station push to talk, LED & armored cable  
Order no.: 500-299451
- PFT** – Portable firefighters' telephone  
Order no.: 500-699427
- PFT-P** – Portable firefighters' telephone push to talk  
Order no.: 500-699430
- FJ-303** – Phone jack  
Order no.: 500-690975
- FJ-304** – Phone jack w/ screw terminal  
Order no.: 500-692670
- FJ-303SS** – Phone jack w/ stainless plate  
Order no.: 500-698309
- FJ-304SS** – Phone jack w/ term & SS plate  
Order no.: 500-698310
- FB-300** – Flush-mount back box for telephone station  
Order no.: 500-680587
- FB-301S** – Surface-mount back box for telephone station  
Order no.: 500-624388

### Remote displays

- SSD** – System-status display (w/o control)  
Order no.: 500-034170
- SSD-C** – System-status display (w/ control)  
Order no.: 500-648733
- SSD-C-REM** – System-status display (w/ control) mounted on panel inner door or REMBOX)  
Order no.: 500-634773

### Printer options

- RPM** – Remote printer module  
Order no.: 500-033270
- PAL-1** – UL listed parallel printer  
Order no.: 500-692407

### Management stations

- SNC** – Serial Network Card interface between management station and Modular  
Order no.: 554400-N1-A1
- MOSA** – Monitoring only interface between management station and Modular  
Order no.: 554465-C62-A1
- Scalance X204-2** – Ethernet Multimode Fiber Switch  
Order no.: 500-650537
- Scalance X204-2LD** – Ethernet Single mode Fiber Switch  
Order no.: 554430-A6-A1

### Dialer options

- FCA2015-U1 Dialer Module** – Dialer Module  
Order no.: 554400-A63-A1
- MDACT** – Serial digital alarm communicator  
Order no.: 500-699254
- XDACT Assembly** – X Series Mounting Assembly  
Order no.: 554430-A5-A1
- XMI** – XLS to MXL interface board  
Order no.: 500-034870
- DCSC900V2 (IP dialer)** – Dialer capture ethernet module  
Order no.: 554430-C13-A2
- AE2** – Red enclosure for DCSC900V2  
Order no.: 554430-C13-A1
- DCT-1E** – 5 Channel dialer with enclosure  
Order no.: 500-699290
- DCT-P** – Programmer for DCT-1E and MDACT  
Order no.: 500-699291

### Others & Vesda HLI

- HTSW-1** – Door tamper switch  
Order no.: 500-033350
- VPM** – VESDA peripheral module  
Order no.: 554430-F93-A2
- SNU ASSY** – assembly OR SNU-Kit – SNU sales kit – Single Node Upload  
Order no.: 554339-A15-A1
- PAD-5** – Addressable NAC expander  
Order no.: 554339-A17-A1
- PAD-5-CLSA** – PAD-5 address NAC expansion card- NAC and Releasing  
Order no.: 554339-A6-A1
- PAD-5-CDC** – PAD-5 address NAC expansion card- Conventional Detectors Card  
Order no.: 554339-A7-A1
- PC (VNT) and MP (VNT)** – Virtual Network Tunnel PC  
Order nos.: 500-650490 VNT- PC: 500-650489 VNT- MP: 500-650489
- VESDA-HLI-KIT** – VESDA HLI kit  
Order no.: 554430-F99-A2
- IIC** – Interface isolation card  
Order no.: 500-850328
- DLC** – Intelligent device loop card (2 loops/252 addresses total)  
Order no.: 500-033090