

CAT VIII BlackCAT

“Controlled Access Technology”



CAT VIII and BlackCAT are the industry's *first* eight name directory displays.

The **CAT VIII and BlackCAT** provide outstanding **standard features**:

- Display provides 8 names at a time with characters that are 5/8" (14 mm) high and the directory scrolls forward and backward.
- The LCD directory display is provided with back lighting, and is very clear even in bright sun light.
- 56K baud modem.
- 13,000 event log buffer.
- The CAT 8 and BlackCAT will control two entrances, without options.
- 2 reader inputs (ready to add readers and cards or transmitters and receivers)
- RS485 expansion port (add up to 12 additional readers and 256 relays)
- 16 time zones, 16 access levels and 16 access groups.
- Maximum phone number capacity is 2,700.
- Maximum card (transmitter) capacity is 16,200 (each with a name attached).

The **CAT VIII and BlackCAT** provide outstanding **optional features**:

- **NIC**, Network Interface Card that provides a plug-in TCP/IP Network interface.
- **CATCOM-RF** is a wireless RS485 data connection. Wireless and wired RS485 interfaces can coexist within the same CAT system.
- System expansion using the 4 entrance and relay expansion modules.

“Select...Don't Settle”



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ACCESS CONTROL

CAT VIII BlackCAT

STANDARD FEATURES

- Display provides 8 names per screen, 5/8" high (14 mm).
- Display is backlit with two columns of 4 names each.
- Two weigand card reader inputs.
- Two entrance control with 2 relays.
- RS485 expansion port.
- Data base has 6 cards per Code / Phone number.
- 56K baud modem.
- 13,000 event log buffer.
- Clock calendar.
- Non-volatile memory.
- Card/Code expansion remotely.
- Dials Touch Tone™ or pulse.
- Programmable via modem.
- Remotely activated speaker and microphone.
- Programmable PIN lengths, 1 to 6.
- REX (request to exit), alarm shunt and door sense input.

Multi-level surge suppression protects all electrical connections. Must be grounded.

OPTIONS

- CATCOM-RF wireless data connection for expansion.
- NIC, network interface card provides a TCP/IP interface for network programming.
- OPTK4DR is a plug-on module for expanding the CAT VIII from 2 to 4 reader inputs, internally.
- CATDR4 is a remote 4 door module that attaches to a CAT system to expand it's capability up to 14 or 16 entrances depending on CAT configuration.
- CATRLY8 is a elevator / aux. relay module that contains 8 relays and can be programmed for elevator control, light or HVAC control. Up to 32 CATRLY8 can be connected to a CAT system.
- RS232 or current loop serial communications.
- Flush mount ring (CAT8 only).
- Special finishes available upon request.

APPLICATIONS

CAT8 is an all weather enclosure.

BlackCAT is suggested for covered or inside use.
Residential gated communities or commercial use.
Apartment buildings / Condominiums / Townhouses.
Retirement homes / Convalescent homes.
Hospitals.
Office buildings.
Banks.
Factories.

CAPACITIES

- Up to 2,700 phone numbers.
- Up to 2,700 PIN codes.
- Up to 16,200 cards each with a reference name.
- Up to 16 entrances, (2 entrances standard)
- Controls as many as 256 relays for elevator and auxiliary control when adding the CATRLY8. (relay expansion modules)
- 8 CAT's can be connected to one phone line using MUJ's, multi unit interface (one each) and all can be programmed remotely.
- 13,000 Event Log Buffer (before wrapping)
- 56K Baud modem.
- Program remotely with optional Selcom Secured compatible with Windows XP or Vista.
- Code / Phone / Card capacities can be upgraded remotely by the factory, through dealers only.

SPECIFICATIONS

- **CAT8 SIZE:** 16 1/4" wide x 19" high x 6" at top and 3 3/8" at bottom.
- **Construction (both):** Hood 11 Ga. structural aluminum primed and painted weather resistant finish; Front Panel- 16 Ga. brushed stainless steel.
- **BlackCAT Size:** 15" W x 11" H x 3" D
- **BlackCAT Construction:** treated aluminum alloy
- **Shipping Weight:** approx. 12 to 15 lbs.
- **Power input:** 18 VAC 40 VA UL listed transformer (provided with unit).
- **CAT8 Mounting:** Surface, flush or pedestal mount.
- **BlackCAT Mounting:** Surface, covered or inside.
- **Memory type:** Non-volatile
- **Tone Detection:** Crystal controlled, capable of detecting short burst 50MS DTMF tone.
- **Telephone Line:** Standard voice grade RJ11C Jack.
- **CAT8 Hood Lighting:** Low voltage incandescent.

GENERAL:

- **Operating Environment:** Temp: -4° to 104° F (-20° to 40° C)
- **Relative humidity:** 5% to 95% non-condensing.
- **Relay Output:** Form C dry contact 28V @ 3AMP.
- **FCC Reg.:** #CPW74F63331MTE.
- **Ringer Equivalence:** 0.2A - 0.5B.
- **ARL LISTED** (UL equivalent)



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06/07

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