

# CAT II      CAT IV

## *“Controlled Access Technology”*



**CAT 2 HF**



**CAT 4 HF**

### CAT2 and CAT4 Display Features:

- The **CAT 2** provides a single name, backlit LCD display that will scroll both forward and backward. The CAT2 characters that are 5/16" (8 mm) high. This display is very clear, even in bright sunlight. Ideal for small apartments or small gated home sites.
- The **CAT 4** provides a four names at a time with a backlit LCD display that will scroll both forward and backward. The CAT4 characters that are 3/8" (10 mm) high. This display is very clear, even in bright sunlight. Ideal for medium sized apartments, condos or gated communities.

### CAT2 and CAT4 Common Features:

- 56K baud high-speed modem.
- 13,000 event log buffer.
- The CAT 2 and CAT 4 will control two entrances, without options. (two relays)
- 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).

# CAT 2 and CAT 4

## STANDARD FEATURES

- **CAT 2** display provides 2 lines and 1 name per directory screen.
- **CAT 4** display provides 4 lines and 4 names per directory screen.
- Displays are backlit and visible in bright sunlight .
- Two wiegand card reader inputs.
- Two entrance control with 2 relays.
- RS485 expansion port.
- Data base has 6 cards per PIN 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 II and CAT IV from 2 readers to 4 readers, 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.
- Special finishes available upon request.



CAT 2 shown in optional lighted weather hood. Order OPTKLH.

The CAT 4 is also offered in the same enclosure. Order OPTKLH.

OPTKLH dimensions:  
16 1/4" W x 19" H x 6" D at the top  
and 3 3/8" D at the bottom.

## 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 units can be connected to one phone line using MUI's (one each) and all can be programmed remotely.
- 13,000 Event Log Buffer (before wrapping)
- 56K Baud modem.
- Programming for Windows XP or Vista using optional Selcom Secured software.
- Code/Phone/Card capacities can be upgraded by the factory, through authorized dealers only.

## SPECIFICATIONS

### CAT2 and CAT4:

- **Dimensions:** 9 1/2" W x 13 1/2" H x 3 1/8" D  
semi flush mount.: 14 5/8" W x 18 5/8" H
- **Material Used:** Housing- 12 ga. structural aluminum;  
Door- 16 ga. stainless steel
- **Finish:** aluminum back box: Painted weather resistant finish,
- **Power Input:** 18 VAC, 40 VA UL listed transformer (provided with unit).
- **Modem:** 56K Baud
- **Emergency Battery:** 12V .7 AHR GEL CELL on constant charge (for control of line voltage variation and short term telephone support only, optional).
- **Telephone Line:** Standard voice grade RJ11C Jack.
- **Mounting:** Surface, flush or pedestal mount.
- **Memory Type:** Non-volatile.
- **Tone Detection:** Crystal controlled, capable of detecting short burst 50 mS DTMF tone.
- **Shipping Weight:** Approx. 15 lbs.
- **GENERAL:**
- **Operating Environment:** Temp.: -20° to 40° C; (CATV temp.: 0° to 40° C) Relative humidity: 5% to 95% non-condensing.
- **Relay Output:** Form C dry contact 24V @ 3AMP.
- **FCC Reg.:** #CPW74F63331MTE.
- **ARL LISTED** (UL Equivalent)

## APPLICATIONS

- Residential gated communities or commercial use.
- Apartment buildings / Condominiums / Townhouses.
- Retirement homes / Convalescent homes.
- Office buildings.

**"Select...Don't Settle"**



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