CAT 10 HF

"Controlled Access Technology"

*Shown with optional black trim ring

CAT 10 HF

CAT 10 HF Display Features:

- The **CAT 10** provides a multiple name, backlit LCD transflective display that will scroll both forward and backward to display 10 names at a time. The **CAT 10** characters are 1/2" (12.7 mm) high. The first two lines of the main LCD screen are user programmable. The display is clear, even in bright sunlight. Ideal for apartments, condominiums, gated communities or assisted living facilities.

- The **CAT 10** comes with a back-lit blue keypad for easy night time use. The **CAT 10** features the new SES HY-Lock® ultra-vandal resistant lock assembly that firmly secures the front door using a 1/4 - 20 threaded spindle with a tubular key.

CAT 10 HF Common Features:

- 56K baud modem.
- 13,000 event log buffer.
- The CAT 10 will control two entrances, without additional options (two relays).
- 2 reader inputs (ready to add readers with 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).

"Select...Don't Settle"

Select Engineered Systems, Inc.

ACCESS CONTROL

CAT 10 HF

STANDARD FEATURES

- **CAT 10** display provides 10 names per directory screen. Character size: 1/2"H. 10 rows by 20 columns.
- Display is backlit and visible in bright sunlight .
- Two wiegand card reader inputs.
- Two entrance control with 2 relays.
- RS485 expansion port.
- Database stores 6 credentials per resident code.
- 56K baud modem.
- 13,000 event log buffer.
- Clock calendar.
- Non-volatile memory.
- Off-site card/code capacity expansion. No chips to change.
- Dials Touch Tone™ or pulse.
- Programmable via modem.
- Remotely activated speaker and microphone.
- Programmable PIN lengths, 1 to 6 digits.
- REX (request to exit), alarm shunt and door sense input.
  Multi-level surge suppression protects all electrical connections. Must be grounded.

OPTIONS

- **NIC2**, network interface card provides a TCP/IP interface for network programming.
- **OPTK4DR** is a plug-on module for expanding the CAT 10 from 2 readers to 4 readers, internally.
- **CATDR4** is a remote 4 door module that attaches to a CAT system via RS-485 to expand it's reader capability up to 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 via RS-485.
- RS-232 or current loop serial communications.
- Flush mount ring.
- Designer trim ring.
- Special finishes available upon request.

RTSPX1 - shown left — Works with industry standard 26-bit output receiver for keyless entry.

RTSPX2 - shown left — Two channel transmitter used with industry standard 26-bit output receivers.

RTSPX4 - shown left — Multi-channel transmitter used with industry standard 26-bit output receivers.

CAPACITIES

- From 30 up to 2,700 phone number capacity.
- 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 Selcom Secure.
- Code/Phone/Card capacities can be upgraded by the factory, through authorized dealers only.

SPECIFICATIONS

CAT 10 HF:

- **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 50MS DTMF tone.
- **Shipping Weight**: Approx. 15 lbs.

GENERAL:

- **Operating Environment**: Temp.: -20º to 70º 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 / Colleges and Universities.

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