

# CAT VISION and CAT COLOR VISION

## Controlled Access Technology



CAT VISION



CAT COLOR VISION

The CAT COLOR VISION is the industry's **first** full color directory display. CAT Vision and CAT Color Vision provides outstanding **standard features**:

- CAT Color Vision provides color choices, 8 for characters and 8 background.
- Both displays provide 3 programmable character sizes.
- CAT Color Vision provides either **8**, **38** or **90** names per screen.
- CAT Vision provides 8, 24 or 48 names per screen.
- The display is scrolled with up and down buttons.
- 14,400 baud modem.
- 13,000 event log buffer.
- 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 Vision and CAT Color Vision provides 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.
- Special metal finishes.

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



Select  
Engineered  
Systems, Inc.

**ACCESS CONTROL**

# CAT VISION and CAT COLOR VISION

## STANDARD FEATURES

- CAT Color Vision provides 8 font, 8 background colors.
- CAT Color Vision:  
Single column shows 8 names approx. 5/8" high,  
Double column shows 38 names approx. 5/16" high,  
Three columns shows 90 names approx. 5/32" high  
(display features are programmable)
- CAT Vision show 8, 24 or 48 names, programmable.
- Two Wiegand card reader inputs.
- Two entrance control with 4 relays.
- RS485 expansion port.
- Data base has 6 cards per Code/Phone number.
- 14,400 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 from 2 readers to 4 readers, internally.
- CATDR4 is a remote 4 door module that attaches to a CAT system to expand its capability up to 14 or 16 entrances depending on CAT configuration.
- CATRLY8 is an 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.

## APPLICATIONS

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

## 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, (controls 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 MU's (one each) and all can be programmed remotely.
- 13,000 Event Log Buffer (before wrapping)
- 14,400 Baud modem
- Programming for Windows 95,98, ME, 2000 or XP. Support for NT (single user) with Selcom 2000.  
NT support with Selcom 2002, future release.
- Code / Phone / Card capacities can be upgraded remotely by the factory, through authorized dealers only.

## SPECIFICATIONS

- **SIZE:** 21 3/4" wide x 19" high x 6" at top and 3 3/8" at bottom.
- **Construction:** Hood 11 Ga. structural aluminum primed and painted weather resistant finish; Front Panel- 16 Ga. brushed stainless steel.
- **Shipping Weight:** approx. 33 lbs.
- **Power input:** 16.5 volt AC, 50 VA UL listed transformer (provided with unit).
- **Mounting:** Surface, flush or pedestal mount.
- **Memory type:** Non-volatile
- **Tone Detection:** Crystal controlled, capable of detecting short burst 50MS DTMF tone.
- **Telephone Line:** Standard voice grade RJ11C Jack.
- **Lighting:** Low voltage incandescent.

## GENERAL:

- **Operating Environment:** Temp: 0° 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.

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**03/02**

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