DESCRIPTION

The CAT series (Controlled Access Technology) is a full featured access control system. The CAT is priced competitively at all levels of its capacity from 50 up to 2,700 phone numbers to meet your target budget and the scalability of the CAT allows for future expansion even after installation making it one of the most flexible systems in the market today. With optional expansion conversion kits this system has the ability to control up to 16 doors and 255 relay points for control of elevators, HVAC, lights and/or other facility control applications that require activation or monitoring. The CAT Series has built in Multi-level surge suppression (proper grounding required) and it's capacity can be upgraded remotely (without changing chips). When used with the intuitive optional "**SELCOM Secured**" software it can be easily programmed and monitored via IP **NIC3** or by the modem option. This software has made the CAT series compatible with the latest Windows 32/64 bit versions. The series also offers the unique optional feature of **CATCOMRF** Wireless for special appli-cations. Ideal for medium sized apartments, condos, office build-ings, gated communities, small gated home sites and assisted living facilities. The CAT series display is very clear, even in bright sunlight and comes with a **Backlit Blue Keypad** for easy night time use which can scroll both forward and backward. The CAT 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.

FEATURES

♦ The **CAT 2** provides a single name, backlit LCD display with character size 5/16" (8 mm) high.

♦ The **CAT 4** backlit LCD display provides four names at a time. The CAT4 character size is 3/8" (10 mm) high.

♦ The **CAT 10** provides a ten name, backlit LCD transflective display. The CAT 10 character size is 1/2" (12.27 mm) high. The first two lines of the main LCD screen are user programmable.

♦ The CAT 2, CAT 4 and CAT 10 will control two entrances, without options. (two relays)

♦ Clock calendar, 16 time schedules, 16 access levels and 16 access groups.

♦ 2 Wiegand card reader inputs (ready to add readers and cards or transmitters and receivers), Option for up to 4 readers.

♦ RS485 expansion port (add up to 12 additional readers and 255 relays)

♦ Maximum phone number capacity is 2,700 and maximum card (transmitter) capacity is 16,200 (each with a name attached).

♦ Database stores 6 credentials per resident code, programmable PIN lengths (1 to 6 digits)

♦ REX (request to exit) Alarm shunt and door sense input.

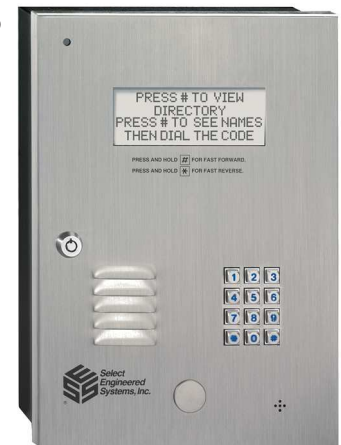♦ **NIC3**, network interface card for TCP/IP programming

OPTIONS (see Table 1)

♦ **CATCOMRF** wireless data connection for expansion.

♦ **OPTK4DR** is a plug-on module for expanding the CAT series 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 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 commu-nications: Serial I/O (**OPTKSERIAL**).

♦ RS485 expansion conversion kit (**CATRS485CONVKIT**)

♦ MUI (Multi Unit Interface) Allows up to 8 CAT's to share a single telephone line (**OPTKMUI**).

♦ Card Readers and RF Receivers / Transmitters with or without HID Proximity

♦ **SWBIP** is a 5 GHz Wireless Ethernet Communication Bridge kit that adds wireless Voice, Video and Data to a CAT System.

CAT 10 HF

CAT 4 HF

APPLICATIONS

♦ Residential gated communities

♦ Commercial office buildings.

♦ Apartment buildings / Condominiums / Townhouses.

♦ Retirement homes / Convalescent homes.

CAT 2 HF

SPECIFICATIONS

♦ **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 has a painted weather resistant finish.

♦ **Power Input**: 16.5 VAC, 20 or 40 VA UL listed transformer (provided with unit).

♦ **NIC3** Network Interface Card

♦ **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. 13 lbs.

♦ **Operating Environment**: Temp.: -20ºC to +60ºC; (CAT temp.: 0º to 40º C) Relative humidity: 5% to 95% non-condensing.

♦ **Relay Output**: Form C dry contact 24V @ 3 AMP.

♦ **FCC Reg.**: #CPW74F63331MTE.

♦ **ARL LISTED** (UL Equivalent)

Shown with Lighted Weather hood on Pedestal

Shown with Black Designer Door Frame and HID Reader

CAPACITIES

♦ Starting from 50 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 255 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)

♦ **NIC3** Network Interface Card

♦ Programming for the latest versions of Windows using SELCOM PREMIUM software.

♦ Code/Phone/Card capacities can be upgraded by the factory, through authorized dealers only.

ACCESSORIES

Weather Hood Lighted and Unlighted

Model# WHLT2 and WHT2

Semi-Flush Mount Ring

Model# FLR

Designer Door Frame

Model# OPTDF2

Pedestal Adapters

Model# PSTATAC

Stainless Back Box Sleeve

Model# TSL2

Heavy Duty Pedestals

**Model#
PST236 = 36"
PST242 = 42"
PST248 = 48"
PST242P = 42" Podium
PST242DS = 42"/ 72" Dual**