



SECURE-TECH.com

DETENTION ELECTRONIC SYSTEMS
ETECH CONTROLS CORPORATION - MANUFACTURER
 4051 ALVIS COURT #3, ROCKLIN, CALIFORNIA, USA 95677
 TEL (916) 630-1300 • FAX (916) 630-1100 • FREE (800) 800-2523

MODEL PAS

PERSONNEL ALARM SYSTEM - CONTROLLER & POWER

FEATURES:

- All PAR Enclosures are NEMA-4 Hosedown Rated.
- Tamper Resistant Access Hardware.
- 100% Fully Factory Assembled and Tested.
- Integral POWER, ALARM, LATCH and ExtSiren LEDs.
- Ultra-Loud Integral Siren Sonalert.
- Optional Enclosure Tamper Switch.

DESCRIPTION

The Secure-Tech.com "PAS" Series, Personnel Alarm System Controller & Power Cabinets provide all required Logic and Power Supply requirements for monitoring and controlling the RF-Duress Field Devices for both curret, as well as legacy CDCR State Prison Linear© RF-Duress Systems.

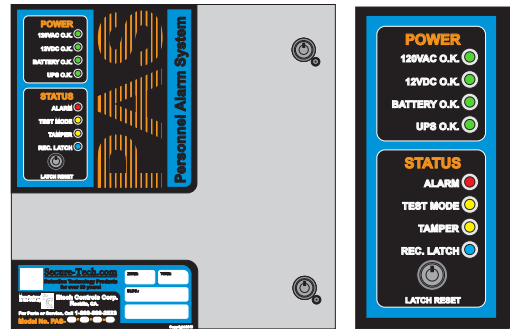
Secure-tech.com brand PAS system components have been designed to be 100% reverse compatible with all currently installed California CDCR Prison Linear-RF based Duress System Receivers and Headend Controllers as were historically manufactured by Spectrum-West Corp. and other parties.

All Secure-Tech.com PAS System Controller Cabinets include extensive built-in features for Local System Status, Remote Strobe and Horn Annunciation, Central-Station Reporting, Extended Battery Backup protection, Auxilliary 110vac UPS status monitor and reporting, Power-Supply Fuse blown indicators, Relay Status Indicators, *Individual PAR-Receiver Alarm Indications (PAS Cabinets can be ordered with "floor-plan" based graphical LED displays) and *Remote PAR-Receiver Status Reset Features. *Note: some features require additional field wiring conductors - see wiring diagram.

In addition, all PAS Controller Cabinets utilize the Secure-Tech PLC Logic Controller (Model #HC-0821) which has built-in, switch-selectable programming options to allow the end-user to choose and enable various included operational modes and features.

Although many features have been added to enhance the security and extend the functionality of the Secure-tech PAS RF-Duress System, most retrofit and new applications will simply utilize a basic 4-wire system buss for all field wiring.

All field wiring for both Power and Alarm Indications is fully supervised, with any wiring fault, or loss of power to the remote "PAR" RF-Receiver Units causing an immediate ALARM condition and activation of remote reporting ALARM Relay.



NEMA-4 RATED, BUD SNB-3737 16X16X8

Options: (Please See Option Matrix.)

1. Integral External Strobe and/or Siren Unit, including 32-Tone Models.
2. Integral Enclosure Tamper Switch, Panel LED and Tamper Reporting Relay.
3. Factory Knockouts - Please Provide Quantity, Location and Sizes Required.
4. Many Other Options Available.

Physical:	STANDARD	"XL" (As Req. for Batteries)
SIZE:	18"h X 16"w X 8"d	18"h X 18"w X 8"d
WEIGHT:	20 lbs	22 lbs.
MATERIAL (NEMA4)	14ga. Steel	14ga. Steel
VOLTAGE:	110vac @ 2A	110vac @ 2A

PAS DURESS SYSTEM CONTROLLER- ORDER PART NUMBER:

PAS - 12V - 48 - T - R - U - 2 - V

12vdc OR 24vdc System POWER

12V
System Power Supply and Backup to be 12VDC based.

24V
System Power Supply and Backup to be 24VDC based.

BATTERY AMP-HOURS

12v AH Options:
9, 18, 26, 36, 52
 Determines Included Battery Backup AMP-HOUR Battery Capacity.
 **XL Encl. Req. for 52ah

24v AH Options:
9, 18, 26
 **XL "16x16x8 Encl. Req. for 26ah

T- ADD ENCL. TAMPER SW.

T
Adds Enclosure Tamper Switch. Cabinet LED and Central Station Relay

ADD LATCH / RESET FOR FIELD ANN.

R
Adds LATCH/RESET Relay AND PAS "Latch-Reset" Switch, to allow Field PAR Receivers to "Latch" Alarms locally for enhanced ALARM annunciation, testing and troubleshooting. Note: requires additional field "LATCH-RESET" buss Conductor.

UPS/GENERATOR TROUBLE LED

U
Adds large, external, IP-65 rated, 12mm Yellow "UPS TROUBLE" LED to PAS encl.. Also adds UPS-TROUBLE Relay Contacts for Central Station Reporting.

GRAPHIC ANN. INDIVIDUAL FIELD PAR "ALARM" LEDs

1, 2, 3, 4, ... ,10
 Adds Graphic Floor Plan Overlay and Individually Annunciated ALARM LEDs for each field PAR Receiver. Note: requires single, home-run conductor from each Field PAR Receiver.

PAS CONTROLLER AUDIBLE ALARM TONE

- Standard, 95dB Alarm Tone.

L
Very LOUD, 108dB Alarm Tone.

V
Very Loud, 32-TONE, 108dB Alarm Tone.

Personnel Alarm System (PAS)

POWER

- 120VAC O.K.
- 12VDC O.K.
- BATTERY O.K.
- UPS O.K.

STATUS

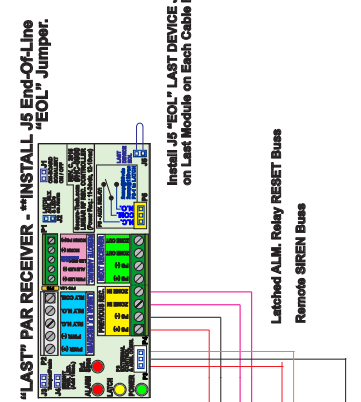
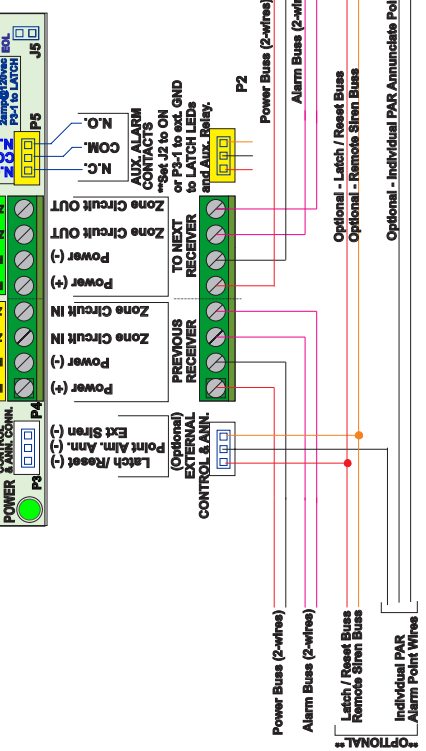
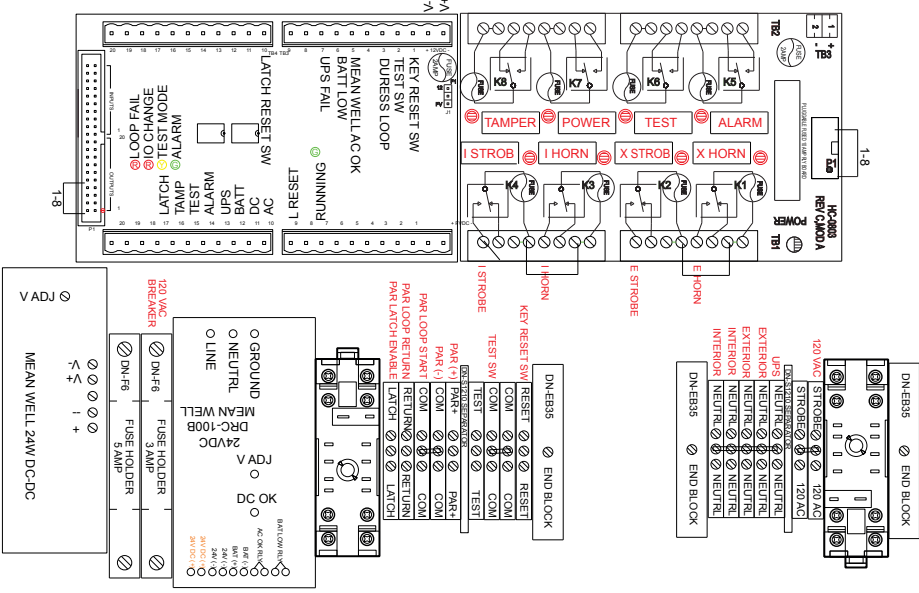
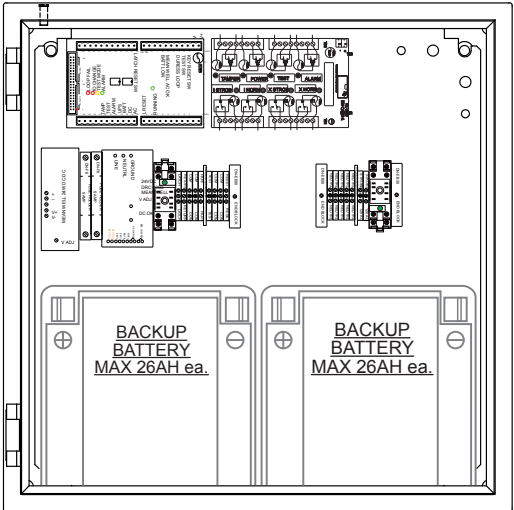
- ALARM
- TEST MODE
- TAMPER
- REG. LATCH
- LATCH RESET

Secure-Tech.com
Dedication Technology Products
For over 20 years

Manufactured by: Ettech Controls Corp., Ruidoso, CA

For Parts or Service, Call 1-800-800-2523
Model No. PAS-26

NEMA-4 RATED, 14GA STEEL, 16X16X8



*OPTIONAL