



Often selected by operators desiring top level performance but not requiring an RF link to the aircraft.

# Securaplane System 450

# • Reliability

Achieved through years of avionics design, sensor innovation, system redundancy, severe environmental testing.

Simple Operation

The Digital Alarm Indicator (DAI-08) is a subminiature CDU which mounts inside an external door and takes only minutes to learn. Each operation is clearly indicated in plain english on the bright,10 character scrolling LED. This unit allows for keyless arming and disarming. The DAI-08 is designed to be installed in the same space as a keyswitch and arm LED and can replace both. The internal Control Display Unit provides comprehensive information regarding intrusions.

## • Field Proven

Over 300 installations since 1989, B-747-400's through turboprops. References available.

Unsurpassed Wheelwell Protection

Custom designed, environmentally tested (DO-160C) passive infrared wheelwell sensor with temperature compensation. This sensor revolutionized the science of <u>reliable</u> aircraft intrusion detection.

# • Door Panel Sensors

Featuring the unique ruggedized all metal magnetic reed switch (MAG-01). Securaplane's flexible systems can use a variety of sensor types including metal proximity switches, microswitches, and our preferred MAG-01.

# Master CDU

Enhanced internal Control Display Unit (CDU-550) features easy to use functions, displaying information on a 4-line, plain english LCD. Permanently stores over 1600 events including arm/disarm times as well as intrusion time/duration information. Soft menu keys allow for easy and intuitive use.

### • Installation Ease

Acclaimed by installers to be the easiest and least time consuming system to install and troubleshoot.

### • Battery Endurance

The standard 450 system using the BP-450-03 Power Communications Unit (PCU) will run 8-10 days. An optional BP-460 will provide 10-13 days. A BP-1224 ADD-ON battery pack will double the BP-460 run time.

### • Most Commonly Selected Options:

- VRU-01: 104dBm audible (operator programmable) voice alarm.
- SP-02: Solar panel extends battery life.
- CPM-T: PIR (wheelwell sensor) alignment tool.
- IND-07: External indicator of an alarm on the aircraft even if system is not powered.

Power Communications Unit (PCU)		Digital Alarm Indicator (DAI-08)	
Air Size: 1/2 ATR Ope 8-10 days (	ver Requirements: craft 28v DC Weight: 17.0 lbs. erating Time: (using 3 PIRs, BP-450) harge Time:		Weigl 0.2 I ling 10 digit red LED of alarms and zones ed.
(From flat battery) 90% capacity 2.5 hours 50% capacity 1.0 hour Charge status can be reviewed from CDU. Optional battery packs available to increase operating time. See options list. Control Display Unit (CDU) Size: Weight: 1.87"(H) 0.71 lbs.		Environmental	
		CDU Temp -30° to +55°C (DO-168) PCU Temp: -55° to 71 ° (DO-160C) Altitude: 55,000 ft. (DO-160C) EMI/RFI Cat. B (DO-160C) Humidity: Cat. A (DO-160C) Vibration: Cat. N (DO-160C)	
5.837"(W) 2.891" (D)		Solar Panel	
Alarm Stora Zones: Display: Lighting:	ge: 1600 Alarms 64 zone capability LCD Alpha-Numeric LED	Size: 0.25"(D) 10.5"(H) 17.5" (W) Power:	Weigh 2.8 II Output 10 watts ma
Passive Infrared (PIR) Wheelwell Sensors		Mounting: Sits on glareshield. Power Plug disconnect.	
Size:	Weight:	Stows	during flight.

#### Size: 3.640"(W) Face 1.850"(H) Body 2.500" (L) Power:

12v DC 3.5 mA

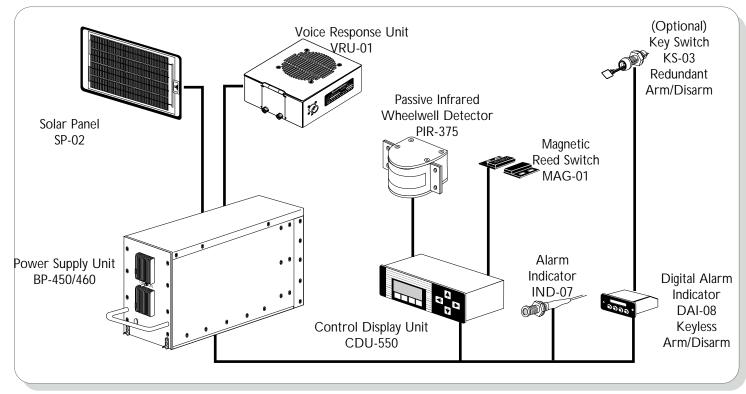
0.41 lbs.

(DAI-08)			
ZE: 75"(W face) 25"(H) 25" (D) <b>isplay</b> : Scrolling 10 d splays number of alarm plated or disabled.			

	Solar Panel	
Э:	Weight:	
"(D)	2.8 lbs.	
"(H)		
" (W)		
ver:	Output 10 watts max.	
	Mounting:	
Sits on glareshield.		
Power Plug disconnect.		
Stows during flight.		

For optional Camera System components, see the Optional Equipment Page.

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