

Selected by the majority of our customers. Over 300 of these systems are in operation world wide on B747-400's through turboprops.

# Securaplane System 500

#### Reliability

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

• Remote Control and Interrogation Link

Remote RF command and interrogation with clear digitized voice response from the aircraft. Range up to 10 miles (16 km.) depending upon terrain and line of sight. Features "secure" anti-tampering technology.

#### • 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 aluminum 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.

• External Remote and Keyless Arm/Disarm <u>Remote Transceiver</u>: Only 3 commands required via the handheld UHF Transceiver to Arm, Disarm or Interrogate.

At Aircraft: 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.

### Master CDU

Enhanced internal Control Display Unit (CDU-550) features easy to use functions, displaying information on a 4-line, LCD in plain english . 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 System 500 using the BP-550 Power Communications Unit will run 5-7 days. An optional BP-650 will provide 7-10 days. A BP-1224 ADD-ON battery pack will double the BP-650 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)

Input Power Requirements: Aircraft 28v DC Size: Weight: 1/2 ATR Short 17.38 lbs. Operating Time: 5 - 7 Days Recharge Time: (From flat battery) To 90% capacity 2.5 hrs. Charge status can be viewed from CDU. Optional Battery Packs available to increase operating time. See options list.

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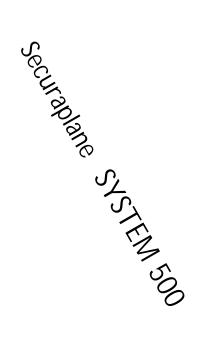
#### Operating Temperature -20° C to +50° C Supplied with dual charger and high capacity batteries.

#### Environmental

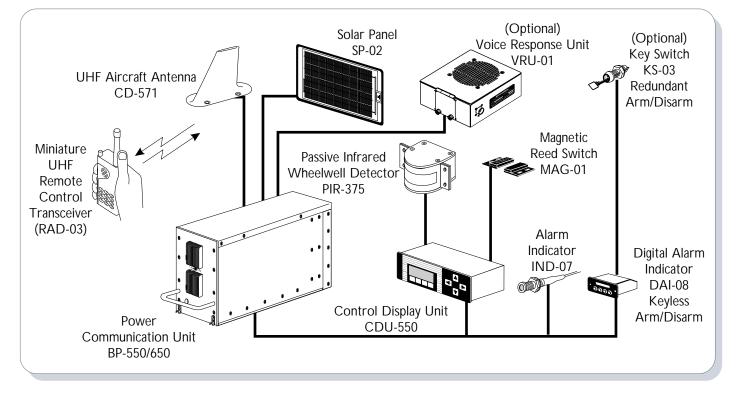
CDU Temp: -30° to +55° (DO-160B) PCU Temp: -55° to 71° (DO-160C) Altitude: 55,000 ft. (DO-160C) EMI/RFI Cat. B (DO-160C) Humidity: Cat. A (DO-160C) Vibration: Cat. N (DO-160C)

Size:	Weight: 0.71 lbs		
1.87"(H) 5.837"(W) 2.981" (D)	0.71 lbs.		
Alarm Storage	Over1600 Alarms		
Zones Display	64 Zone Capability LCD Alpha-Numeric		
Lighting	LED		
Digital Alarm Indicator (DAI-08)			
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Size:	Weight:		
Size: 1.75"(W face)	0.2 lbs.		
1.75"(W face) 1.25"(H)			
1.75"(W face) 1.25"(H) 2.25" (D)			

Wheelwell Sensors		
Size: 2.500"(L) 1.850"(H)	Weight: 0.41 lbs.	
3.640" (W) Power:	12v DC 3.5 mA	



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



### Securaplane<sup>™</sup>

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