

Airborne Video Cameras

CAM-10

Quad Monochrome Camera Unit

The Securaplane® CAM-10 is a low cost external mount airborne camera that is easy and inexpensive to install, and is available to small and mid sized aircraft as well as large business jets. It features 4 high resolution monochrome video cameras for all around coverage.

FEATURES:

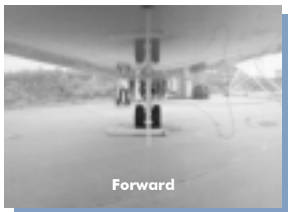
Interfaces to VCU-04, VCU-05, or any aircraft-approved +12VDC power source.

APPROVED INSTALLATIONS:

- Global Express
- Boeing Business Jet
- Gulfstream V
- Boeing 757-200
- Gulfstream IV
- Boeing 767
- Falcon 900

APPLICATIONS:

- **Security**
Interfaces with a Securaplane® security system to confirm detected intrusions
- **Ground Maneuvering**
- **Landing Gear, Engine, Control Surface Monitoring**
- **Ground Surveillance**



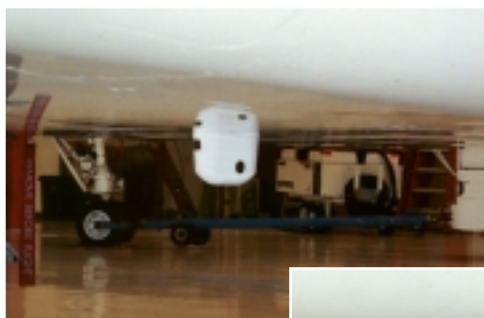
Images captured by a CAM-10 unit installed on a BBJ



Specifications — CAM-10

Model:	CAM-10
Part Number:	100-1007-01
Description:	Camera Unit, Quad, Mono
Max. Weight:	1.65 lb. (.75 kg)
Dimensions: (HWD):	4.0 x 1.9 x 6.7 in. (102x48x170 mm)
Drag/Cd:	1.5 lbs / $C_D = .26$ (est.)
Finish:	Powder coated, white
Mounting:	4x 10-32 fasteners
Mating Connector:	MS3126F14-18S
Window Material:	Fused Silica
Window Demisting:	Internal Heater
Power Requirements:	12 VDC, 10w max.
Video Output:	VBS, 1.0 Vp-p at 75Ω, Negative Sync
Television System:	EIA RS-170 (NTSC Monochrome)
Horizontal Field of View:	>360° (Fwd/Aft 72°, Outboard 116°)
Imager:	1/3 inch interline transfer (Matsushita)
Resolution:	>550 Horz. TV Lines
Picture Elements:	380K; 768 x 492
Sync:	Internal
Gamma:	$\gamma = 0.45$
Min. Illumination:	
White Balance:	
Electronic Shutter:	1/60-1/180,000 s
S/N Ratio:	>47dB
Options	Electrical Installation Kit / Cables Structural Installation Kit

Installation Pictures



*Camera Unit: CAM-10
Aircraft: Global Express*

