

Airborne video cameras

CMZ-03 glareshield zoom camera



Securaplane's CMZ-03 Microzoom™ is a stand-alone glare shield color camera with a 40x telephoto zoom. This camera unit will operate directly from +28 VDC aircraft power and can be controlled via direct connection discrete keylines. The CMZ-03 also will operate on +12 VDC and offers digital bus control so it can interface to Securaplane's VCU-05 Video Control Unit for retrofit or system installations.

An integral mounting plate and connector simplifies the installation.

Key features

- Stand-alone zoom camera unit, no other LRUs needed.
- Digital Signal Processor for high resolution video.
- Operates direct from 28 or 12VDC power.
- 40x telephoto zoom.
- Digital bus or discrete control interface.

Applications

- Inflight entertainment
- Situational awareness
- Special mission / military COTS

Installations

- Bombardier
- Dassault

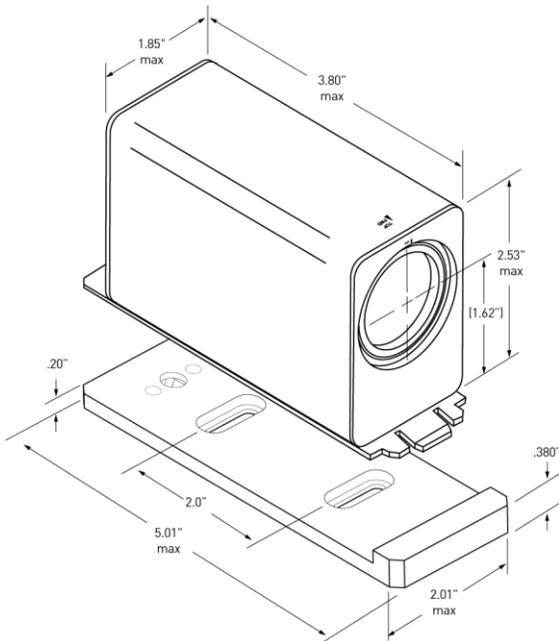
Securaplane

Our product competencies and services:
Aircraft security systems | Airborne video cameras | Aircraft batteries | Battery chargers | Inverters | Converters | Wireless integration

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Specifications



Model	CMZ-03-X (Glare Shield)
Part number	100-1108-01
Weight, max.	.62 ± 0.02 lbs.
Overall Dim. (hwd)	2.53 x 1.85 x 3.80"
Finish	Black, non-reflective
Power requirements	12 or 28 VDC, 12w max.
Mating connector	DPMA15S
Mounting shoe part number	160-1526-01 (sold separately)

Specification subject to change.
 Images for illustration only.
Please contact Securaplane for installation data

Camera specifications

Television system	NTSC Composite RS-170A (Y/C available)
Imager	1/4 in. Super HAD™ CCD*
Pixel	380K, 768 (H) x 494 (V)
Resolution	470 TV Lines (H)
Sync	Internal
Optics	10x optical zoom, 4x digital zoom (40x total) f=4.2mm-42mm. F1.8-2.9 (wide-tele) with ND spot filter and auto-iris aperture, auto-focus capability
Field of View	46°-4.6° (H) (wide-tele)
Min. Illumination	2.0 lux, F1.8 (1/60s); 0.13 lux, F1.8 (1/4s)
Shutter	1/1-1/10000s, 22 steps
S/n ratio	>50 dB
White balance	Automatic
Control	Discrete keyline (active ground) for zoom and focus RS-422 data bus for special mission or VCU-05 interface

*Super HAD™ Sony Corporation

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