

Airborne
Video
Cameras

CMX Series

Single Color Camera Units

CMX-01-X

Fin Mounted Camera

CMX-02-X

Belly Mounted Camera

Part Numbers:

100-1054-0X (CMX-01)

100-1056-0X (CMX-02)



The CMX series cameras are single lightweight, high-resolution color units for fuselage or vertical fin mounting. The profile of the CMX is aerodynamically optimized for low-drag and designed for ease of installation. Wide and narrow angle versions are available as are custom vertical fin profile adapters for installation on a specific aircraft type. The CMX-01 is for vertical fin or top fuselage applications while the CMX-02 is for belly mounted use.

FEATURES:

- Light weight
- Low drag
- High resolution color
- Simple installation - no remote boxes
- Fin- or belly-mounted units available

APPLICATIONS:

- **Entertainment**
Gives crew and passengers a wide-angle view of the aircraft in flight
- **Safety**

APPROVED INSTALLATIONS:

- Bombardier
- Boeing
- Dassault
- Raytheon
- Gulfstream



Sample fin-mounted views

Boeing Business Jet



Gulfstream IV



Falcon 900EX

 **securaplane**[®]
TECHNOLOGIES INC

10800 N. Mavinee Drive, Tucson, Arizona 85737

Tel. (520) 297-0844

Fax: (520) 498-4924

www.securaplane.com

Specifications — CMX Series

Model:	CMX-01-X	CMX-02-X
Part Number:	100-1054-XX	100-1056-XX
Description:	Camera Unit, External (Fin Mnt)	Camera Unit, External (Belly Mnt)
Max. Weight:	.50 lb. (.23 kg)	
Dimensions: (HWD):	4.25 x 1.9 x 3.7 in. (108x48x94 mm)	
Drag/Cd:	1.0 lbs / .25 (est.)	
Finish:	Powder coated, white	
Mounting:	3x 8-32 fasteners (with Profile Adapter)	
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:	NTSC 3.58 Color	
Horizontal Field of View:	See Matrix	
Imager:	1/3 inch interline transfer CCD	
Resolution:	460 Horz. TV Lines	
Picture Elements:	380K; 768 x 494	
Sync:	Internal	
Gamma:	$\gamma=0.45$	
Min. Illumination:	2 lux @ f1.4	
White Balance:	Factory set to 5600°K (Outdoor)	
Electronic Shutter:	1/60-1/10,000 s	
S/N Ratio:	50dB	
Options	Electrical Installation Kit / Cables Structural Installation Kit	

Part Number/Field of View

Part Number	Model	Camera Configuration	Horizontal Field Of View
			Fwd
100-1054-01	CMX-01-1	Camera Unit, Vert Fin	31°
100-1054-02	CMX-01-2	Camera Unit, Vert Fin	88°
100-1056-01	CMX-02-1	Camera Unit, Color	31°
100-1056-02	CMX-02-2	Camera Unit, Color	88°



Information is subject to change. Please contact Securaplane for current information.