

Features

- ⊕ **Pattern Showing Vehicle Path**
- ⊕ **Mirror Image Mode**
- ⊕ **Lens Protected When Not In Use**
- ⊕ **Rugged Design**
- ⊕ **MIL Qualified Power Supply and**
- ⊕ **Pattern Generator**

The rear view camera is designed to assist the driver of an armored vehicle while backing up. A reversed (mirror image) view is presented to the driver, just like a rear view mirror.

A rugged aluminum enclosure with a remote operated door, protects the camera lens from dirt and mud. The door is designed to break frozen or dried mud that might have been splashed on the enclosure while driving the vehicle; the force of the door exceeds 500N.

With the available MBC-108 Pattern Generator "vehicle path" symbology is superimposed on the video. The unit also serves as a MIL-STD power supply for the camera.



General

Dimensions:	210mm W x 130mm H x 125mm D
Weight:	5kg
Supply Voltage:	28VDC (Door Motor)
Power Requirement:	4A (Door Motor)
Finish:	Olive Drab Green

Camera Specification

Image Sensor:	Inter-line Type 1/3" CCD Image Sensor
Effec. Picture Element:	512 H x 582 V CCIR 512 H x 492 V EIA
Signal System:	CCIR, EIA
Video Output:	1.0Vp Comp.
Horizontal Resolution:	380 TVL
Min. Illum. of Subject:	0.05 Lux (50 IRE)
S/N Ratio:	Approx. 50dB
Electronic Iris - Off/On:	1/60~1/100,000sec. EIA 1/50~1/100,000 sec. CCIR
Standard Built-in Lens:	f = 3.8mm
Field of View:	72° H x 54° V

Environmental Specifications

Operating Temperature:	-40°C to +60°C
Storage Temperature:	-46°C to +71°C
Vibration (Operational):	MIL-STD-810C, 514.2 (VIII), W, 70hrs
Shock (Operational):	MIL-STD -810C, 516.2 (I) 30g, 3 dir
EMI:	MIL-STD-461C CS01, CS02, CS06, CS11, RS02, RS03, 50V/m

Specifications subject to change without notice.

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