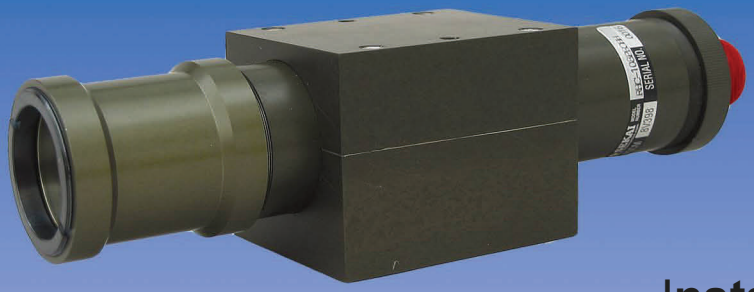
GUN CAMERA



- Installs directly to weapon barrel
- Sight capability with crosshair
- Enhanced target verification
- Battlefield awareness for crew
- Training and debriefing tool
- Remote operation of weapon
- Hundreds of units in operation

Gun Cameras by Sekai

"Any Weapon, Any Vehicle"

www.sekai-electronics.com

SEKAI®

FEATURES

- High resolution color or monochrome CCD camera
- Monochrome high sensitivity NIR version
- Several fixed field of views available
- Environmentally sealed protective housing
- Extremely shock and vibration resistant
- Full EMI protection
- Qualified power supply and crosshair generator available

GENERAL DESCRIPTION

Originally designed as a spare sight for a 30mm automatic cannon, this camera has now been developed into a family of models with different characteristics. With more than ten different field of views available, there is a camera model for most range requirements. Versions equipped with monochrome CCD's have good NIR performance and permits use in dusk / dawn situations. The unique shock mount of the camera allows it to be hard mounted directly to the weapon making this an extremely compact and light solution. Special care has been paid to EMI protection to meet the requirements of modern military vehicles.

AVAILABLE FIELD OF VIEWS (HORIZONTAL)

Focal Length Sensor dim.	6mm	12mm	25mm	50mm	75mm	100mm
1/2"	**56.1°**	**29.9°**	**14.6°**	**7.3°**	**4.9°**	**3.7°**
1/3"	**43.6°**	**22.6°**	**11.0°**	**5.5°**	**3.7°**	**2.8°**
1/4"						**2.1°**

DUAL FIELD OF VIEW

Two cameras can be combined to provide the operator with dual field of views. Switching between Wide Field of View (WFOV) and Narrow Field of View (NFOV) is instantaneous. A dual camera solution is infinitely faster than a single zoom camera, much more rugged, offers redundancy and is in most cases no heavier than the zoom camera.

ACCESSORIES

The MBC-series crosshair generator and power supply is available in both single- and dual– crosshair versions to handle one or two cameras. The power supply accepts 28VDC vehicle power and is MIL-STD-461C and MIL-STD-1275A compliant. Crosshair position and color can be controlled remotely via the discrete interface or the optional CAN bus interface. Crosshairs are configured according to customer specification.

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