

DESCRIPTION:

The MTech Driver Viewer is designed to enhance the vision of the driver at night and in poor visibility conditions. This is done by providing a real-time thermal image of the path ahead of the vehicle and allows the driver to see up to 5 times further than with normal headlights. This provides ample reaction time in negotiating obstacles and hazards such as fallen logs, potholes, ditches and other obstacles. The Driver Viewer not only enhances safety but also provides mobility at night or during periods of limited visibility without compromising security.

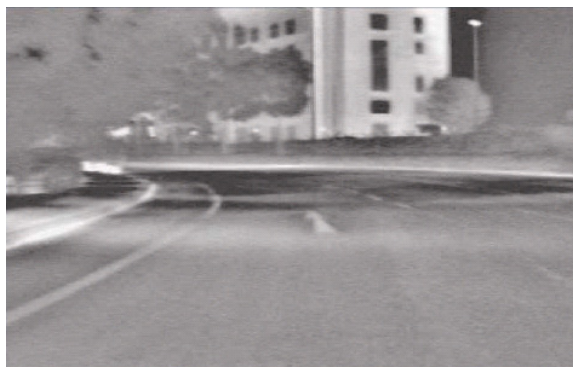
It is a decisive tool for military users requiring speed and tactical deployment of soft skin or armored and other vehicular assets to increase survivability and achieve the fighting edge in the operating theatre. It can also be utilized as a tool to aid navigation and surveillance by emergency and rescue services as well as civil defense and law enforcement agencies.

For easy adaptation to vehicles, the Driver Viewer can be easily mounted and dismounted with the use of our "A kit". The kit includes all required mounting hardware, wiring and connectors necessary to mount and operate. A pan and tilt option is also available if the system is used for surveillance purposes.



FEATURES

- 320 x 240 Amorphous Silicon Detector
- Spectral Response: 7—14 microns
- 50° x 37.5° Field of view
- IP67 Ready stainless steel housing
- 10.4" TFT Display monitor with integrated controls



Part Numbers:

MTech DriverViewer: DV-320-8



Driver Viewer System Specifications

Driver Viewer System Specifications		
Thermal Imaging Performance	Detection Range	Up to 200m to detect human activity
	Warm Up	< 10 seconds
	Video Sample Rate	30 Hz
Environmental	Operating Temp	-40°C to +70°C
	Storage Temp	-40°C to +90°C
	Rated	IP-67 ready housing
	Operating Voltage	+ 12 VDC or + 24 VDC
Detector	Type	Amorphous Silicon Microbolometer (320 x 240 pixel array)
	Spectral Range	7-14 microns
	Sensitivity	<50 mK
	Analog Video Output	PAL/NTSC
	Controls	NUC & Polarity
Display	Screen	10.4"
	Display Resolution	800 x 600 or better
	View Angle	Left/Right/Up/Down
	Control Operation	Display: ON/OFF, Contrast, Brightness Camera: Video Polarity, NUC

Authorized Dealer



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