

# Pintle-Mount Kit



## THERMAL SYSTEM FOR MACHINE GUN OPERATORS



**The Pintle-Mount Kit** is an advanced thermal imaging solution for weapon sight platforms. Specially designed for manually operated machine gun weapon stations (LMG, HMG, GL), it provides best-in-class target acquisition capabilities. It is designed to fit military systems, and can be used as a building block for OEM integrated systems. The platform supports a range of thermal imaging sights for 24/7 day and night extreme weather and impaired visual conditions, as well as other digital sensors and peripheral interfaces e.g. laser pointers. The modular platform can be mounted on any customizable weapon carrier, using multiple mechanical interfaces and a wide range of customizable options.

## KEY BENEFITS

### KEY FEATURES

- 24/7 Thermal Imaging
- Helmet Mounted Micro Display (OLED)
- Power In: Ground-Mobile, Shipborne, Rotorcraft Ready
- Reticle Calibration
- Custom Mechanical Adapters
- Non-Uniformity Correction
- Gain Limit Control
- Polarity (black hot/white hot)

### ADVANTAGES

- Cost Effective
- Easy to Operate
- Greatly Increases Hit Probability
- Multiple Sight Types for Different Ranges
- Deployed on Land Vehicles, Ships, and Rotorcraft
- Powerful Thermal Sight for Pintle-Mounted Machine Guns

### OPTIONS

- Laser Pointer
- Multiple Fields of View
- Video Recording



## APPLICATIONS

Opgal's Pintle Mount Kit answers an ongoing demand for a ready-to-use thermal imaging sight kit for machine gun operators. It comes with a helmet-mounted micro-display, and a variety of other customizable options. With a modular hardware design, this kit offers a variety of display interfaces and possible configurations for a range of deployment applications, including land vehicles, ships, and rotorcraft.



Rotorcraft



Naval Ships



Armored Vehicles

Features	Description/Performance	
FOV*	5.6° x 4.2°	4.6° x 3.5°
Focus	Fixed, athermal	Electric
Human Recognition	1000m	1300m
Removable Eyepiece	AMOLED 800x600	
Continuous Zoom Experience	x1 to x4	
Multiple Reticles	User defined	
Image Processing	Opgal's image enhancement, gain level	
Polarity Control	Black hot, white hot	
Boresight	Manual electronic	
Environmental Qualification	MIL-STD 810	
Electromechanical Characteristics		
Power Supply	12 VDC	
Power Consumption	<5W	
Video Output	Mini BNC for analog video recording	
Mounting	Picatinny or weaver rail	

\*More FOV options available