

SD Rail Pantograph Thermal Imaging Camera

Key Features

- 384 x 288 Standard Resolution
- Analogue Video Output
- 50Hz (PAL) Full frequency video output
- Intelligent Image Enhancement
- DNR (Digital Noise Reduction)
- Histogram Statistical AGC



Thermal Core Camera Module 384 (module option for DOO and Pantograph Camera)

Vidiwave's Thermal Core 384 module is the ideal choice for any thermal imaging applications with standard image definition requirements. It uses the latest 384 x 288 FPA uncooled detector technology core.

This combination of technologies produces an image that is superior, sharper and clearer both day and night, especially in harsh weather such as heavy rain, snow or fog.

Specifications

Camera	Resolution	384 x 288 pixels
	Spectral Range	8~14um
	NETD	≤ 50 mk
	Lens	athermalized 19 mm
Image Processing	Digital Zoom	x2 and x4
	Noise Processing	Noise removal coefficient adjust
	AGC Algorithm	Platform and Linear AGC
	AGC Adjustment	Manual / Semi-auto / Auto
Image Presentation	Image Enhancement	Multi-level enhancement Algorithm
	Analogue Video Output	PAL (50Hz) 720 x 576 (Full D1)
Image Presentation	RS232	Initial set-up only
Power Supply	12 VDC	110 mA
Environmental	Operating Temp Range	- 40°C ~ + 200°C
	Shock	EN-50155, EN-61373
	Vibration	EN-50155, EN-61373
	Housing Construction	Fire-proof temp retardant nylon
	Housing Window	Germanium Glass