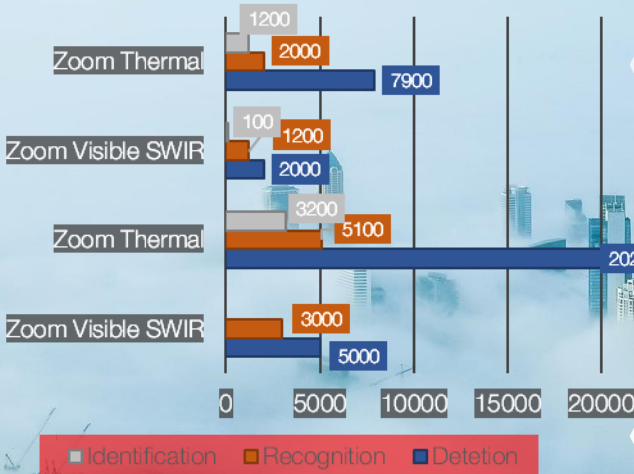




Range (Human - 1.7m) in m
Range (Vehicle - 2.3m) in m

PERFORMANCE



EXCEPTIONAL PERFORMANCE

See through Fog, Haze, Rain, Snow Fall, Sand Storm.



CAMOUFLAGING FOLIAGE DETECTION

Detect threats hidden in Visible light



CRISP IMAGE

Crisp Image During all Light Conditions



HIGH FOCAL LENGTH

High focal length gives you a close-up picture of people and vehicles from afar

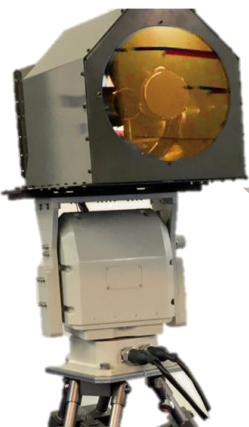
Mist Vision-1 is a ruggedized Long range surveillance electro-optic system supporting SWIR and TIR spectrum. Both the spectrums are supported using respective Zoom lens. The added SWIR detectors make this system the most comprehensive solution for inclement climate conditions, While TIR can capture images even in zero light conditions, enabling a 24-hour operation. So one can acquire high contrast images for post processing and analyzing 24X7 365 days of the year. Based on the varying weather conditions, the system automatically adjusts image processing to get Thermal or SWIR images.

Weather Penetrations capability and High Focal Length makes Mist Vision-1 an outstanding tool for observing cross border traffic and critical infrastructure surveillance.

DETECTION

RECOGNITION

IDENTIFICATION



MADE IN
INDIA

CONTACT DETAILS

Corporate Office: Ahmedabad

Prototype Facility: Bangalore

Email: business@optimizedelectrotech.com

Website: www.optimizedelectrotech.com



SPECIFICATIONS

Camera	Zoom Visible SWIR	Zoom Thermal
Array Format (NTSC)	640x512	640x480
Pixel Pitch	15 microns	17 microns
F/#	F5	F1.5
Low Light Sensitivity (Quantum Efficiency)	> 80% at 1550 nm	
Frame Rate	60 fps	30 fps
NETD of Uncooled Thermal Camera		< 35 mK
FOV	1.83-18.18 H	2.08 to 15.49 H
	1.36-13.68 V	1.56 to 11.65 V
Focal Length	30-300 mm	40 to 300 mm
Optical Zoom	10x	7.5x
Digital Zoom	2x	2x
Spectral Range (in micron meters)	0.9-1.7	8 to 12
Video		
Streaming Resolution	640x512	640x480
System Integration		
Ethernet		1G (GigE)
Serial Control Interface		RS485
Alarms In/Out		Optional
Network		
Supported Protocols		IPv4/IPv6
Pan/Tilt Performance		
Pan Angle Speed		Max speed: 30 degrees/sec
Tilt Angle Speed		Max speed: 20 degrees/sec
Programmable Presets		Configurable
General		
Input Voltage		24V
Power Consumption		55W
Environmental		IP65/IP67
Operating Temperature Range		-40c to 85c
Storage Temperature Range		-40c to 85c

APPLICATIONS

Border Surveillance



Coastal Surveillance



Airport Security



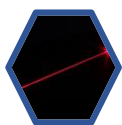
Perimeter Surveillance



Vehicle Mounted



OPTIONALS



Laser
Rangefinder



Pan & Tilt
Gimbal



View-finding
Camera



Ruggedized
Version

भारत में
निर्मित

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