



FV300-PLI (Power Line Inspection)

The multi-sensor inspection system FV300-PLI presents the most advanced technology today. This gimbal integrates: thermal camera, high resolution still camera and FullHD video camera.

The entire system is integrated by the gyro-stabilized gimbal, the on-board computer and militarized joystick that allows full control of the entire system.

Video Camera Daylight/Lowlight Function

Resolution	FullHD 1080p / 25fps
Zoom	30x optical continuous / 2-4x digital
HFOV	63.7°Wide, 2.3°Narrow (Horizontal)
IR Filter	Removable

Still Frame Camera

Type	CMOS, 22.3 x 14.9 mm
Number of pixels	25.8 Megapixels
Lens	320mm f/2.8



Gimbal

Weight	17 kg (37.5 lb)
Diameter	300mm (11.8")
Movement	Az/EI 360° Continuous - 90°/s
System	4 axis, active gyro-stabilized
Estabilization	<5 µRad RMS (Gyro optic fiber)

Infrared Camera: FLIR®

Type	Range:7.5-13µm, LWIR, Uncooled
Resolution	640 x 512 - 30Hz.
Lents	50mm
FOV	12.4°(H) x 9.92°(V)
Pixel size	17µm
Thermal Sensitivity	< 0.05°C @ +30°C / 50 mK
Temperature range	-40°C a 550°C



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