

SHORT, MEDIUM & LONG RANGE OBSERVATION SYSTEMS

AVIV35TC

Short Range Thermal Camera

Reliable thermal camera for various security applications

Modular, flexible design customizable to specific requirements

Built for rugged use and optimal performance in harsh environments



Picture For illustration only

AVIV35TC (Micro EINAT)	SPECIFICATIONS
Thermal Camera	
Detector Type	Uncooled Micro bolometer
Spectral Range	8 – 14 μ
Resolution	640x480
Pixel Size	17 μ
Lens	35mm Athermal (19mm,25mm,50mm,60mm,75mm optional)
FOV	15.6° (H) X 11.7° (V)
Electronic Zoom	X2, x4
Thermal Sensitivity	<40mK @ F#1
Frame Rate	25Hz
Video mode	Black / white hot
Range Performance*	
Detection (D)	Up to 1076m (Human Target), 2683m (NATO Target)
Recognition (R)	Up to 359m (Human Target), 894m (NATO Target)
General	
Video Output	PAL/NTSC or H.264/ ONVIF
Communication	RS-232/RS-422 or LAN
Power	12 -32 VDC or POE
Operating Temperature	-40°C to +60°C
Environment Compliance	IP67, designed to meet MIL-STD-461E & MIL-STD-810F

* Range performance measured under good atmospheric conditions (Human size 1.7x0.5m; NATO target 2.3x2.3m)

Specifications are subject to change without prior notice