

AVIV FAMILY OF SHORT, MEDIUM & LONG RANGE SYSTEMS

AVIV135-DF

Incorporates powerful day, thermal camera and robust pan-tilt unit

Modular, flexible design suitable for variety of defense applications

Built for harsh weather conditions & rugged environments

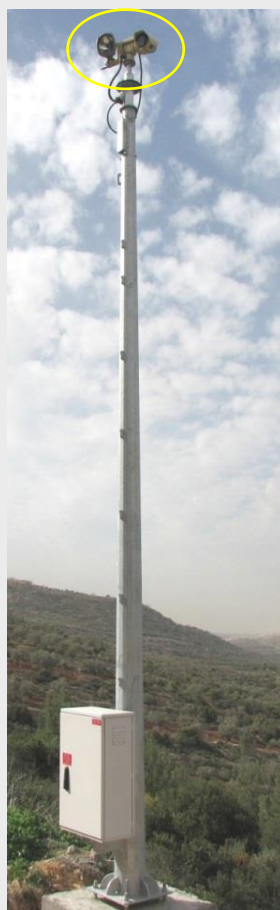
AVIV135-DF	SPECIFICATIONS
Day Camera	
Type	CMOS-HD
Lens	4.3 – 129mm
FOV	WFOV 63.7° /NFOV 2.3°
Resolution	2,140K Pixels
Digital Zoom	x12
Optical Zoom	x30
Thermal Camera	
Type	Uncooled Micro bolometer
Pixel Size	17μ
Resolution	640x480
Lens	45 - 135mm Dual FOV
FOV	WFOV 13.8° / NFOV 4.6°
Range Performance*	
Detection (D)	Up to 3.7km (Human Target), 9.1km (NATO Target)
Recognition (R)	Up to 1.3km (Human Target), 3.0km (NATO Target)
Identification (I)	Up to 570m (Human Target), 1.4km (NATO Target)
Pan-Tilt	
Operational Angle	360° Continuous Rotation
Elevation	+30° - -60°
Pan Speed	Up to 30°/sec
Tilt Speed	Up to 10°/sec
General	
Video Output	PAL/NTSC or Digital
Communication	RS-422 or LAN - ONVIF
Power	12 - 24 VDC
Weight	~11kg
Operating Temperature	-30°C to +60°C
Environment Compliance	IP67, designed to meet MIL-STD-461E & MIL-STD-810F

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

Specifications are subject to change without prior notice

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CASE STUDIES



Pictures for illustration only

About ESC BAZ

ESC BAZ is a leading provider of surveillance systems for military & homeland security with over 1000 installations worldwide. Our customers include various departments of the Israeli army, police and security agencies. Global projects cover harbor defense in Asia, border management in Eastern Europe, pipeline & prison security in South America among many others.