

## AVIV FAMILY OF SHORT, MEDIUM & LONG RANGE SYSTEMS

# AVIV100

*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*

AVIV100	SPECIFICATIONS
<b>Day Camera</b>	
Type	CCD/CMOS (Optional – HD)
Lens	3.4 – 122.4mm
Resolution	440,000 Pixels
FOV	WFOV 1.7° / NFOV 57.8°
Optical Zoom	x36
<b>Thermal Camera</b>	
Type	Uncooled Micro bolometer
Resolution	640x480
Pixel Size	17μ
Lens	15 - 100mm Continuous Zoom
FOV	WFOV 39.9° / NFOV 6.2°
<b>Range Performance*</b>	
Detection (D)	Up to 2.7km (Human Target), 6.7km (NATO Target)
Recognition (R)	Up to 900m (Human Target), 2.2km (NATO Target)
Identification (I)	Up to 440m (Human Target), 1.0km (NATO Target)
<b>Pan-Tilt</b>	
Operational Angle	±220° (Optional - 360° Continuous Rotation)
Elevation	±90°
Pan Speed	Up to 35°/sec
Tilt Speed	Up to 6°/sec
<b>General</b>	
Video Output	PAL/NTSC or Digital
Communication	RS-422 or LAN
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

\* 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.