



SAE RA320DS-1

THERMAL CAMERA & MONITORING SOFTWARE



Thermal camera specifications

Thermal camera specifications	: 320x240
Pixel Pitch	: 17 μm / 12 μm
Field of view	: 40°x 30°
Lens focal length	: 18mm
Lenses	: Germanium
Wavelength	: 8-14 μm
Sensor	: Vox Un-cooled micro-bolometer

Visible camera specifications

Visible camera resolution	: 1920x 1080
Focal length	: 9mm
Field of view	: 17°x 13°
Lenses	: Borosilicate
Sensor	: CMOS
Wavelength	: 400-700 nm

System specification:

Working distance	: 0.5 to 3 m
Temperature measurement range	: 20° to 50°C
Temperature measurement accuracy	: ± 0.3°C
Working temperature	: 0 to 40°C
Face Recognition	: 3mtr
Frame Rate	: 2MP@ 30 fps
Operating temp	: -20 to +40
Face Capacity	: 30,000
Humidity	: 10% - 90%
Dimensions	: 150x120x90mm
Weight	: 500 gms

