



## YRH600 Mining

SATIR YRH600 is a professional infrared camera specifically designed for the coal mining industry. The housing of the YRH600 is made by reinforced industrial strength plastic which strengthens the ex-proof ability of the camera, but keep it lightweight. Internal PCBS have gone through insulation processing. Special ex-proof batteries are provided to make sure the YRH600 strictly complies with the requirements for coal-mining.

As the applications for thermal cameras increase the need for Ex-Proof cameras is also on the rise for hazardous and dangerous areas



### Key Features

- Several Approved Certificates
- Precise temperature measuring
- Robust design for extreme working condition, IP54 Encapsulation
- Unique Duo Display keeps you informed with the status
- Easy to use



# YRH600 Specifications

Image Performance	
Resolution	160x120
Thermal Sensitivity (N.E.T.D)	≤0.08°C @ 30°C
Detector Type	FPA, uncooled microbolometer
Spectral Range	8-14µm
Focus Mechanism	Manual
Measurement	
Temperature Range	-20°C + 250°C (Up to 1500°C Optional)
Accuracy	±2°C or ±2 % of Readings
Measurement Tools	9 movable spots, auto hot/cold spot, isotherm
Temperature Alarms	Yes
Measurement Corrections	Emissivity, Ambient Temperature, Distance, Relative Humidity
Environmental	
Operating	-20°C + 50°C
Storage	-40°C + 70°C
Humidity	10%~ 95%, non-condensing
Encapsulation	IP54
Physical Characteristics (Camera Body)	
Weight	Less than 600g
Dimensions	211mmx80mmx219mm
Interfaces	
Power Input	DC 8V-11V
Video Output	NTSC (60Hz) or PAL (50Hz) composite video
Optional Parts	
Available Optional Lenses	6.4°, 9°, 12°, 38°

Please be aware specifications can vary from time to time