

Firefighting helmet mounted thermal imager

Light weight and easy operation, the IR 1191 firefighting helmet mounted thermal imager is the third eye for the firefighters. It sets the hands free, and offers clear and crisp thermal image for the fighter through clouds of smoke, which can greatly increase the rescuing efficiency and ensure their safety. The wireless video transmission equipment also allows seeing inside the fire incident for an immediate and most authorized decision.

Features and Benefits

- Advanced helmet mounted design provides you hands free.
- Featured unique chucking design, the IR1191 is available to be mounted on all popular fire helmets.
- Accurate temperature measurement help locate the fire source efficiently.
- One button only provides you a clear thermal world during firefighting so fast, which increase the efficiency.
- With super red hot technology, firefighters can effectively be alerted by the areas of intense heat and identify the spread of fire.
- Wireless transmission (optional)



Applications

- Search and rescue
- Situational firefighting
- Routine fire-prevention inspection



Specifications

Detectors	
Resolution	160 x120
Spectral Range	8~14 μ m
Pitch	25 μ m x 25 μ m
Frequency	25Hz
Lens	
FOV	43° x 33°
System Characteristics	
Video Output	PAL
Polarity	Pseudo color
Red Hot	220 $^{\circ}$ C
Power supply system	
Batteries	Li-ion batteries, rechargeable
Operating time	2.5hrs
External power supply	AC adapter 110~240VAC
Consumption	2.4W
Measurement	
Temperature range	-20 $^{\circ}$ C - +260 $^{\circ}$ C
Physical Characters	
Size	82mm(H) x 81mm(W) x 89mm(L)
Weight	460g(not including chucking appliance)