




Handheld, Low Temperature Infra-Red Thermometers

AGRI-THERM III Model 6110L	AGRI-THERM III Model 6210L	AGRI-THERM II Model 100L
<p>The AGRI-THERM III Model 6110L has a diverging field of view. It is field-focusable from 4° to 20°. The output for the Model 6110L is Analog Millivolt at 10 mV/°C.</p>	<p>The AGRI-THERM III Model 6210L includes an embedded data acquisition/processing system. The Model 6210L has a field-focusable small spot size focus of 2 mm to a 4° field of view. It includes, a single channel data logger which saves up to 4 million date/time-stamped records for PC download.</p>	<p>The basic AGRI-THERM II Model 100L is Everest simplest handheld infrared thermometer for taking temperature measurements outdoors in the natural environment.</p> <p>It is designed to measure only the surface temperature of the target.</p>
KEY FEATURES *		
<ul style="list-style-type: none"> • SKY-SPY • VARIO-ZOOM • TTL/SLR Sighting 	<ul style="list-style-type: none"> • SKY-SPY • VARIO-ZOOM • TTL/SLR Sighting • Data logger 	<ul style="list-style-type: none"> • SKY-SPY
		

* **Note:** For explanation of Key Features visit:
www.ictinternational.com.au/everest

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Specifications

	AGRI-THERM III Model 6110L	AGRI-THERM III Model 6210L	AGRI-THERM II Model 100L
TEMPERATURE MEASUREMENT			
Temperature Range	-40°C to 100°C	-40°C to 100°C	-40°C to 100°C
Resolution	0.1°C	0.1°C	0.1°C
Accuracy	±0.5°C	±0.5°C	±0.5°C
Repeatability	±0.1°C	±0.1°C	±0.1°C
Units	°C	°C	°C
Noise Effective Temperature	Less than 0.1°C	Less than 0.1°C	Less than 0.2°C
Temperature Measurement Modes	Surface Temperature Ambient Dry Bulb Air Temp. Differential Temperature	Surface Temperature Ambient Dry Bulb Air Temp. Differential Temperature	Surface Temperature
OPTICAL CONSIDERATIONS			
Spectral Pass Band	8 < Wavelengths < 14 Microns	8 < Wavelengths < 14 Microns	8 < Wavelengths < 14 Microns
Sighting	TTL/SLR Intra-Optical Light Sighting	TTL/SLR Intra-Optical Light Sighting	Line of Sight
Focus	Focusable with VARIO-ZOOM Sighting System	Focusable with VARIO-ZOOM Sighting System	Factory preset
Field of View	4° to 20° (down to 2 mm)	4° to 20° (down to 2 mm)	4° standard or 15° optional
OPERATING CONDITIONS			
Operating Environment	-20°C to 65°C, up to 99% Relative Humidity, Non-Condensing	-20°C to 65°C, up to 99% Relative Humidity, Non-Condensing	-10°C to 50°C, up to 99% Relative Humidity, Non-Condensing
Storage Temperature	-20°C to 65°C, up to 99% Relative Humidity, Non-Condensing	-20°C to 65°C, up to 99% Relative Humidity, Non-Condensing	-10°C to 50°C, up to 99% Relative Humidity, Non-Condensing
ELECTRICAL INTERFACE			
Battery Life	40 Hours	40 Hours	40 Hours
Output Signal	Analog millivolt (10.0 mV/°C)	Analog millivolt (10.0 mV/°C) Serial	Analog millivolt (10.0 mV/°C)
GENERAL			
Response Time	Less than 1 Second	Less than 1 Second	Less than 1 Second
Emissivity Compensation	Settable from 0.1 to 0.99 on Rear Panel	Settable from 0.1 to 0.99 on Rear Panel	Settable from 0.2 to 0.98 on Rear Panel
Operating Distance	2 cm to Infinity	2 cm to Infinity	2 cm to Infinity
Sky Radiation Detection	SKY-SPY	SKY-SPY	SKY-SPY
DATA LOGGER			
Included	No	Yes	No
Channel	N/A	Single Channel	N/A
No. of Records Stored	N/A	Up to four million readings	N/A