SPI-35B

Blackbody Accessory for TNM-3620TDY

The SPI-35B is a highly accurate temperature reference accessory for the Wisenet Temperature Detection Thermal Camera. The Black Body runs at a constant and accurate 35°C which is set in the camera. Placed in the field of view of the camera it acts as an object for referencing temperature. In this set up it will improve the accuracy of the camera readings from ±0.5°C to ±0.3°C. The improvement will translate to much more accurate readings of body temperature to indicate if the subject has a fever or high temperature.
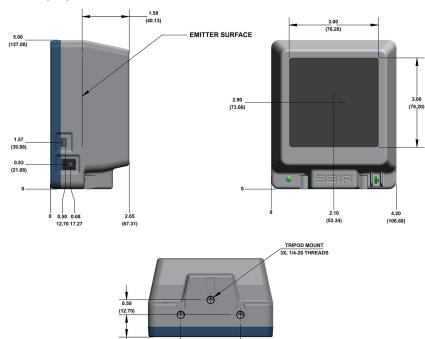
Key Features

- IEC 80601-2-59 standard compliant
- 30°C to 45°C (86°F to 113°F) Settable Temperature Range Above Ambient
- 3" Square Emitting Aperture
- Temperature Accuracy of ±0.15°C (±0.3°F)
- ±0.05°C (±0.1°F) Temperature Stability
- Configurable to Celsius or Fahrenheit
- "Set & Forget" Temperature Programming
- No Separate Controller Required
- 1/4-20" Tripod Mounting Features
- USB Communication Interface

SPI-35B	
Available Sizes	3" square aperture
SYSTEM SPECIFICATIONS	
Settable Temperature Range[1,5] (must be set above Ambient)	30°C to 45°C (86°F to 113°F)
Emissivity (Average)	> 0.95 from 3μm to 14μm
Emitting Aperture Size	3 inch square
Uniformity[2]	± 0.15°C (± 0.3°F) over central 1.5" x 1.5" region of interest
Absolute Accuracy[2]	± 0.15°C (± 0.3°F)
Stability[3]	± 0.05°C (± 0.1°F)
Setpoint Resolution	0.1°C (0.2°F)
Startup Time	< 5 minutes
Ambient Temperature Sensor	0°C to 50°C ± 2°C
Relative Humidity Sensor	0-100%, ± 5% R.H.
GENERAL SPECIFICATIONS	
Operating Temperature	22°C ±6°C (71.6°F ± 10.8°F)
Storage Temperature	-20°C to 70°C (-4°F to 158°F)
Relative Humidity	5% to 95%, non-condensing
Power Requirements	18V, 1A DC max. AC adaptor included
Approximate Weight	< 1 lb. reference source only 1.5 lbs. including peripherals

* The latest product information / specification can be found at hanwha-security.eu
* Wisenet is the proprietary brand of Hanwha Techwin.

Dimensions

Unit: inch (mm)

Hanwha Techwin