

# ThermoView®

## Critical Asset Solution

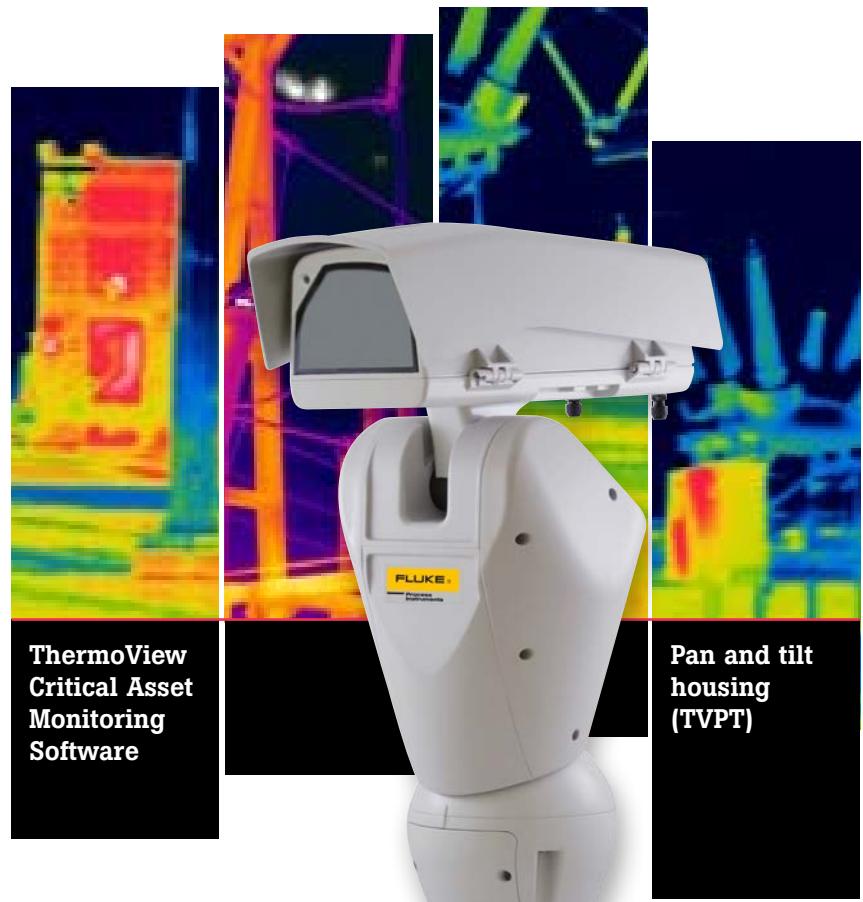
Pan and tilt accessory datasheet

### Highlights

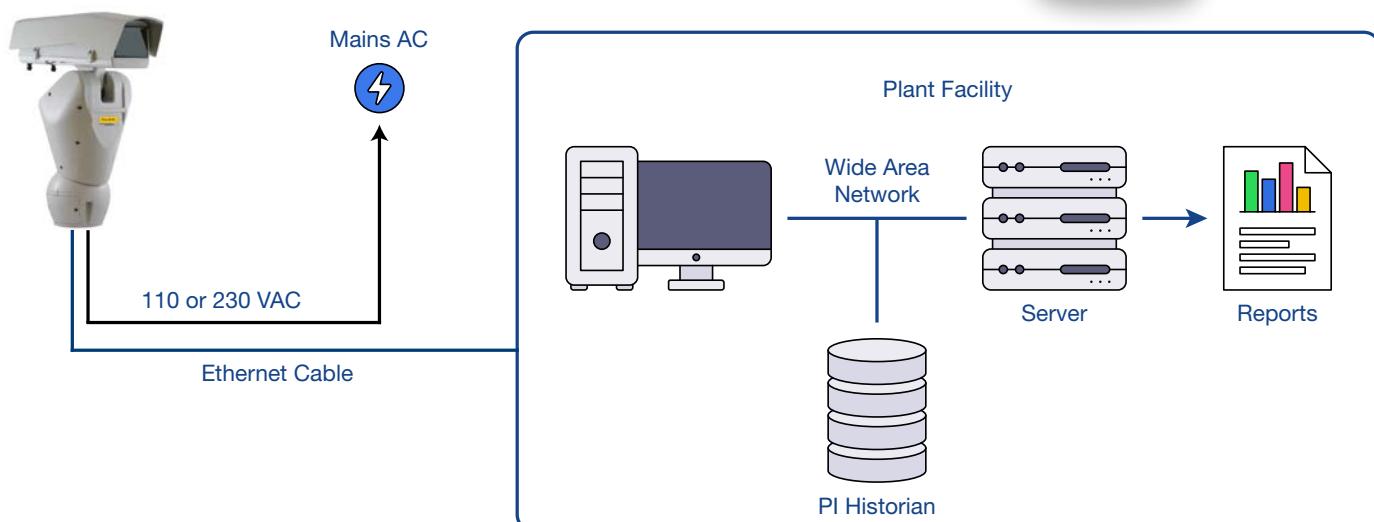
- Designed for harsh environments IP66 housing, protecting the Thermal Imager from dust and water
- Multiple thermal imager solution for large area thermal viewing
- Option wall or pedestal mounted
- 320 x 240 and 640 x 480 infrared resolution for the ThermoView TV43 and TV46, respectively
- Sighting: IR-Fusion® technology (thermal and visible sighting) for easy alignment and added detail on blended images
- ThermoView Critical Asset Monitoring Software—sophisticated analysis based on absolute, differential or rate of change asset temperature conditions.
- Alarm notification through Modbus, EthernetIP, digital outputs, or email

### Solution details

1. Pan and tilt enclosure including 10 m ethernet cables
2. TV40 Thermal Imager
3. ThermoView Critical Asset Monitoring Software



### Network configuration



## General specifications

## Camera specifications

<b>Sighting</b>	Thermal imager + visible light camera (640 x 480)
<b>Measuring range</b>	-10 to 1200 °C (14 to 2192 °F)
<b>Measurement accuracy</b>	±2 °C or ±2 % of reading, whichever is greater
<b>Infrared resolution</b>	320 x 240 (76,800 pixels) or 640 x 480 (307,200 pixels)
<b>Add on lens options (add in field)</b>	Standard lens (34° x 25.5°) 0.75x Wide lens (45° x 34°) 2x lens (17° x 12.7°) 4x lens (8.5° x 6.3°)
<b>Focus range</b>	IR 15 cm – ∞ (motorized remote focus) Visible light: 60 cm – ∞
<b>Thermal imager frame time</b>	9 or 60 frames/sec. ( <i>must be specified at the time of ordering</i> )

## Pan/tilt specifications

<b>Operating temperature</b>	-40 to 50 °C (-40 to 122 °F)
<b>Horizontal rotation</b>	360° continuous rotation
<b>Vertical rotation</b>	-40° up to 90°
<b>Environmental rating</b>	IP66
<b>Mounting</b>	Base mount or wall mount accessories available
<b>Vibration</b>	EN50130-5 Cl.22, Cl.23 (EN60068-2-6)
<b>Weight (camera, pan/tilt)</b>	22 kg (48 lb.)
<b>Power</b>	230 VAC 1.1 A / 110 VAC 2 A

## Ordering Considerations

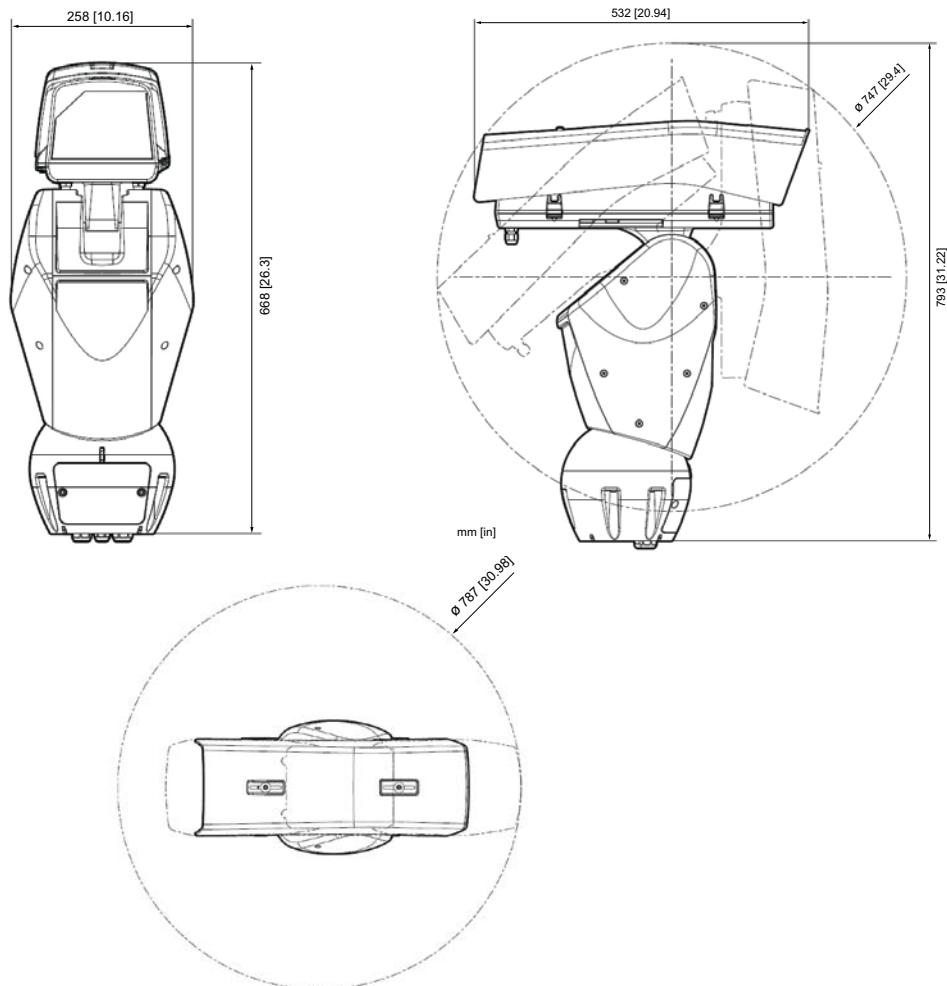
<b>A-TV-PTGW-XXX*</b>	<p>Pan and Tilt ASSY (germanium window version) (For use with TV40 and FPI 2X lens, and FPI 4X lens)</p> <p>Includes:</p> <ul style="list-style-type: none"> <li>• TV40 short ethernet cable (for inside enclosure)</li> <li>• TV40 short power supply cable (for inside enclosure)</li> <li>• 10M ethernet cable</li> <li>• TV40 mounting plate</li> </ul>
<b>A-TV-PTVW-XXX*</b>	<p>Pan and Tilt ASSY (glass/germanium) (For use with standard lens and FPI 0.75X WIDE lens)</p> <p>Includes:</p> <ul style="list-style-type: none"> <li>• TV40 short ethernet cable (for inside enclosure)</li> <li>• TV40 Short power supply cable (for inside enclosure)</li> <li>• 10M ethernet cable</li> <li>• TV40 mounting plate</li> </ul>
<b>A-TV-PT-WBA</b>	Optional wall mounting bracket
<b>A-TV-PT-WBTAB</b>	Base mount bracket

\*XXX is the voltage rating (110 or 230 VAC)

### Notes:

1. TV40 camera ordered seperately
2. ThermoView Critical Asset Monitoring Software required to operate Pan and Tilt accessory

## Dimensions



**Note:** These TV40 cameras are controlled under ECCN 6A003.B.4.B and an export license is needed for certain destinations. Please see RS1 controls for licensing requirements.

## The Fluke Process Instruments Guarantee

The ThermoView TV40 thermal imager and pan and tilt accessory are supported by a 2 year warranty. With a network of trained representatives and agents in over one hundred countries and offices located in the U.S., Germany and China, we provide local service and support.

## Fluke Process Instruments