

Mini Bi-spectrum PT		Bi-spectrum PT	
	SN-TPT6436QF SN-TPT4233QF - Thermal: 640×512/400×300, 8/9/15/25 mm - Optical: 4MP, 2592×1520, 30x, 5.3 to 159 mm - Human/Vehicle/Smoke & Flame/Fire spot/Smoking - White Light: 30 m - Temperature accuracy: Max (± 2 °C, ±2 %) - Worm gear and worm drive, Power off self-locking - Pan: 360°, Tilt: +90° to -90° 24 VDC		SN-TPT6436LZ SN-TPT4233LZ - Thermal: 640×512/400×300, 8/9/15/25/35/50 mm - Optical: 4MP, 2592×1520, 30x, 5.3 to 159 mm - Human/Vehicle/Smoke & Flame/Fire spot - Temperature accuracy: Max (± 2 °C, ±2 %) - Worm gear and worm drive, Power off self-locking - Pan: 360°, Tilt: +90° to -90° 36 VDC
Laser Bi-spectrum PT		Bi-spectrum PT	
	SN-TPT6436LPZ SN-TPT4233LPZ - Thermal: 640×512/400×300, 75/100/26 to 105mm - Optical: 5MP, 2560×1920, 40x, 5 to 200 mm 4MP, 2592×1520, 37x, 6.8 to 251 mm - Human/Vehicle/Smoke & Flame/Fire spot/ship 800m IR - Worm gear and worm drive, Power off self-locking - Pan: 360° Tilt: +90° to -90° - Anti-corrosion, optional coating 36 VDC		SN-TPT6436ZZ SN-TPT4233ZZ - Thermal: 640×512/400×300, 50/75/100mm - Optical: 5MP, 2560×1920, 40x, 5 to 200 mm 4MP, 2592×1520, 37x, 6.8 to 251 mm - Human/Vehicle/Smoke & Flame/Fire spot/ship - Worm gear and worm drive; Power off self-locking - Pan: 360° Tilt: +40° to -75° 36 VDC
Heavy Duty PT		Heavy Duty PT	
	SN-TPT6436HZ SN-TPT4233HZ - Thermal: 640×512/400×300, 75/100/30 to 150 mm - Optical: 4MP, 2592×1520, 32x,12.5 to 400 mm 4MP, 2592×1520, 32x,15.6 to 500 mm 4MP, 2592×1520, 60x,12.5 to 750 mm 4MP, 2592×1520, 60x,16.7 to 1000 mm 4MP, 2560×1440, 86X,10 to 860 mm - Human/Vehicle/Smoke & Flame/Fire spot/ship - Worm gear and worm drive; Power off self-locking - Pan: 360° Tilt: +40° to -45° 36 VDC		SN-TPT6436MZ SN-TPT4233MZ - Thermal: 640×512/400×300, 30 to 150 mm - Optical: 4MP,2560×1440, 86X, 10 to 860 mm - Human/Vehicle/Smoke & Flame/Fire spot/ship - Optical defog - Worm gear and worm drive; Power off self-locking - Pan: 360° Tilt: +40° to -45° 48 VDC

Explosion-proof Bullet		Explosion-proof PT	
	SN-TPH6406DA SN-TPH4203DA 316L Stainless Steel - Ex d II C T6 Gb / Ex tD A21 IP68 T80°C - Thermal: 640×512/400×300, 8/9/15/25/35/50 mm - Human/Vehicle/Fire Spot - Temperature Pre-alarm&Alarm - Temperature range: -20°C to 150°C (-4°F to 302°F) - Temperature accuracy: Max (± 2 °C, ±2 %) - Customizable 100 to 240 VAC		SN-TPT6436PA SN-TPT4233PA 316L Stainless Steel - Ex d II C T6 Gb / Ex tD A21 IP68 T80°C - Thermal: 640×512/400×300, 8/9/15/25/35/50 mm - Optical: 4MP, 2592×1520, 30X, 5.3 mm to 159 mm - Human/Vehicle/Smoke & Flame/Fire Spot - Pan: 360° Tilt: +90° to -90° - IR: 200 m - Temperature Pre-alarm&Alarm 100 to 240 VAC
Mini Module		Module	
	SN-TPC6406VT - Thermal: 640×512,12 μm, 8 μm to 14 μm - Free focus lens: 9/15/25/35/50 mm - Motorized Focus Lens: 25/50/75/100 mm - Motorized Zoom Lens: 26 to 105/30 to 150 mm - Detection: Human/Vehicle/Fire spot/Ship - Temperature measurement range: -20°C to 150°C (-4°F to 302°F), 0°C to 550°C (34°F to 1022°F) - Temperature accuracy: Max (± 2 °C, ±2 %) - Auto Anti-burning 64.8 × 52 × 52 mm(2.55× 2.05 × 2.05 inch), without lens 12 VDC		SN-TPC4203AT - Thermal: 400×300, 17 μm, 8 μm to 14 μm - Manual focus lens: 8/15/25/35/50 mm - Motorized Focus Lens: 25/50/75/100 mm - Motorized Zoom Lens: 26 to 105/30 to 150 mm - Detection: Human/Vehicle/Fire spot/Ship - Temperature measurement range: -20°C to 150°C (-4°F to 302°F), 0°C to 900°C (34°F to 1652°F) - Temperature accuracy: Max (± 2 °C, ±2 %) - Auto Anti-burning 90.5 × 70 × 70 mm(3.56× 2.76 × 2.76 inch), without lens 12 VDC



Smart Thermal

-  Perimeter Protection
-  Fire Prevention
-  Temperature Measuring



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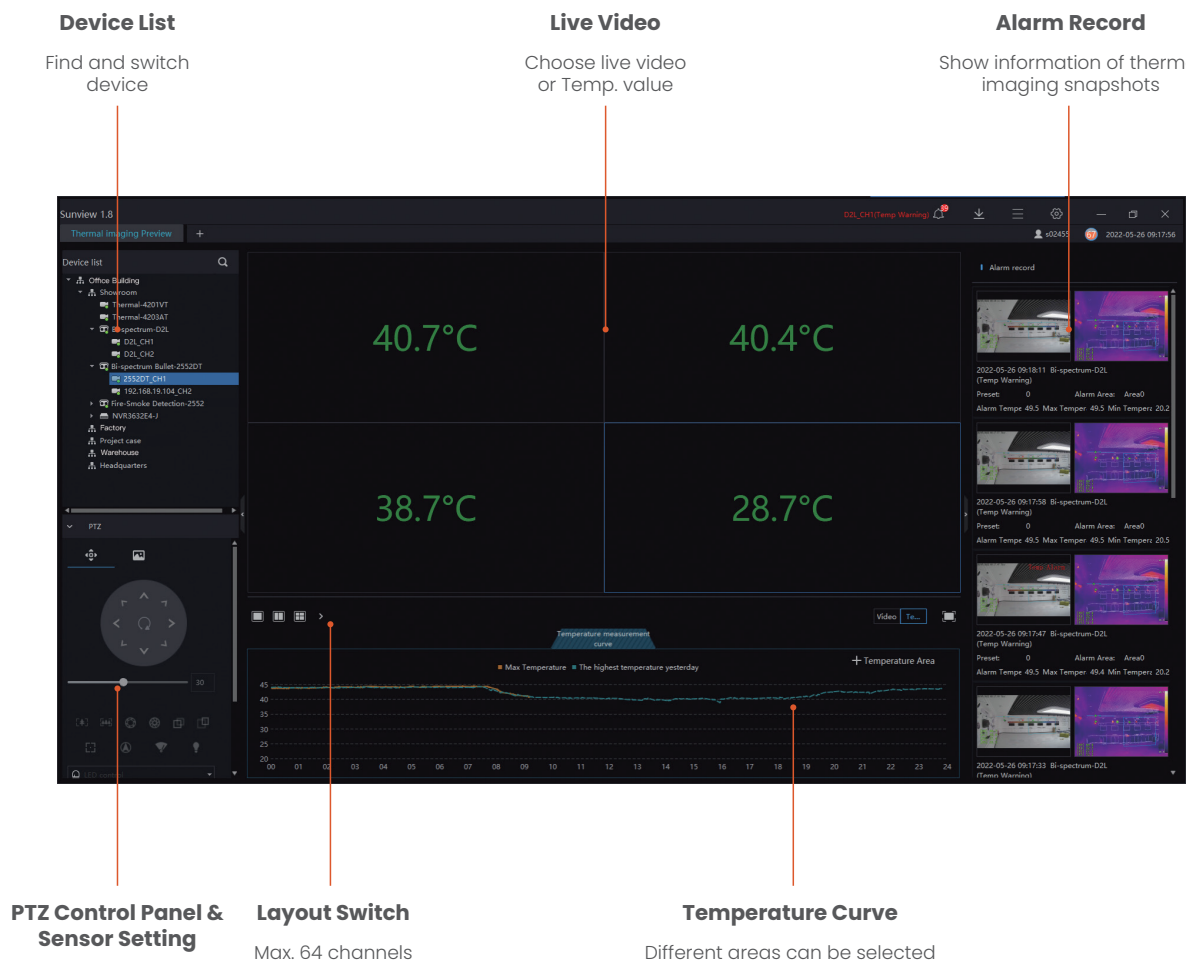
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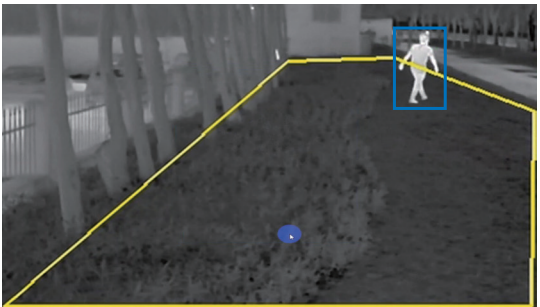
SunView Management Platform

- **Live View**
Real time preview of thermal imaging image, statistics of the thermal imaging alarm, display of thermal imaging temperature curve
- **Thermal Image Search**
Retrieve historical snapshot data from thermal imaging cameras
- **Thermal Image History**
Retrieve historical data of thermal imaging camera area temperature measurement
- **Inspection Plan**
Configure thermal imaging inspection plan, retrieve inspection records, generate inspection report, etc.



Application Scenarios

Smart Perimeter



Deep Learning

- Human Detection
- Vehicle Detection
- Ship Detection

Smart Events

- Intrusion
- Single Line Crossing
- Double Line Crossing
- Loitering
- Enter Area
- Leave Area
- Wrong-way

Fire prevention



Fire / Temp Anomalies Detection

- Smoke & Flame Detection
- Fire Spot Detection
- Smoking Detection
- Temperature Anomaly Detection

Industrial Temperature Measurement



Temperature Detection

- 20 points/lines/areas
- Preset Measurement
- Temperature Threshold Alarm
- Temperature Difference Alarm
- Temperature Rise Alarm

Products

Bi-Spectrum Cube		Bi-Spectrum Turret	
	SN-D2L - Thermal: 256×192, 12μm, 2.0 mm, H: 90°, V: 65° - Optical: 2MP, 1600×1200, 2.3 mm - White light - Bi-spectrum image fusion - Temperature range: -20°C to 150°C (-4°F to 302°F) - Temperature accuracy: Max (± 2 °C, ±2 %) 10-30 VDC/PoE (802.3af)		SN-TPC2553CT - Thermal: 256×192, 12μm, 3.5/7 mm - Optical: 4MP, 2560×1440, 4/8 mm - Human/Vehicle/Smoke & Flame/Fire spot/Smoking - Sound and light alarm - Built in MIC and speaker 24 VAC/12 VDC/PoE(802.3af)
Bi-Spectrum Bullet		Bi-Spectrum Bullet	
	SN-TPC2553DRT - Thermal: 256×192, 12μm, 3.5/7/10 mm - Optical: 5MP, 2880×1620, 4/8 mm - Human/Vehicle/Smoke & Flame/Fire spot/Smoking - Sound and light alarm - Built in speaker 24 VAC/12 VDC/PoE(802.3af)		SN-TPC4233DJT - Thermal: 400×300, 17μm, 8/15/25/35/50 mm - Optical: 2MP, 1920×1080, 5 to 50 mm - Human/Vehicle/Smoke & Flame/Fire spot/Smoking 100m IR 12 VDC/PoE+ (802.3at)
Bi-Spectrum Bullet		Bullet	
	SN-TPC6457DLT - Thermal: 640×512, 12μm, 9/15/25/35/50 mm - Optical: 4MP, 1/1.8", 2688×1520, 4/6/10 to 30 mm - Human/Vehicle/Smoke & Flame/Fire spot/Smoking - Built in MIC and high-power speaker - Sound and light alarm 100m IR 24 VAC/12 VDC/PoE+(802.3at)		SN-TPC4203KT - Thermal: 400×300, 17μm, 8/15/25/35/50 mm - Human/Vehicle/Fire spot - Spot, line, area temperature measurement, 20 rules in total - Temperature range: -20°C to 150°C (-4°F to 302°F) - Temperature accuracy: Max (± 2 °C, ±2 %) 12 VDC/PoE (802.3af)
Bullet		Bi-spectrum PTZ	
	SN-TPC6406KT - Thermal: 640×512, 12μm, 9/15/25/35/50 mm - Human/Vehicle/Fire spot - Spot, line, area temperature measurement, 20 rules in total - Temperature range: -20°C to 150°C (-4°F to 302°F) - Temperature accuracy: Max (± 2 °C, ±2 %) 24 VAC/12 VDC/PoE(802.3af)		SN-TPS6457EV(T) SN-TPS4157EV(T) - Thermal: 640 x 512, 25 mm - Thermal: 384 x 288, 5/7/15/25 mm - Optical: 4MP, 2688×1520, 1/1.8", 40 X, 6.27 to 251mm - Human/Vehicle/Smoke & Flame/Fire spot/Smoking 300m IR - Smart Wiper - Pan: 360°, Tilt: -10° to 90° 24 VAC/36 VDC/PoE++(802.3bt)