

P: 2/3

Thermal Imaging IR Camera

| Sr. No. | | Qty. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|--|---------------|------------|--------------------------|-----------------|--------------|----|--------|---|-----------------|-------|----------------|---------------|---------------------|-------|---------|--------------------|------------|------------------------|----------------|------|----------|------|----------|------------------------------|-------|--|-------|----------------------|-------------|---|--------------|------------------------------|---|--|----|
| 1. | <div>Thermal Imaging IR Camera</div> <div><div>Specifications</div><table><tr><td>IR resolution</td><td>1024 x 768</td></tr><tr><td>Object temperature range</td><td>-40°C to 2000°C</td></tr><tr><td>Digital zoom</td><td>8x</td></tr><tr><td>Lenses</td><td>Should include 45°x34° (21 mm), 28° x 21° (36 mm), 12° x 9° (83 mm), 7° x 5.3° (142 mm), 3x zoom lenses. Prices of optional lenses should be quoted separately.</td></tr><tr><td>Image frequency</td><td>30 Hz</td></tr><tr><td>Spectral range</td><td>7.5 - 14.0 μm</td></tr><tr><td>Thermal Sensitivity</td><td>20 mK</td></tr><tr><td>Display</td><td>4.3", 800 x 480 px</td></tr><tr><td>Viewfinder</td><td>Built-in, 800 x 480 px</td></tr><tr><td>Digital Camera</td><td>5 MP</td></tr><tr><td>Accuracy</td><td>±1°C</td></tr><tr><td>Position</td><td>Automatic distance detection</td></tr><tr><td>Alarm</td><td>Above, below, interval, moisture, insulation, measurement alarms</td></tr><tr><td>Focus</td><td>Autofocus and manual</td></tr><tr><td>Image Modes</td><td>Infrared, visual, Picture-in-Picture mode</td></tr><tr><td>Power Supply</td><td>220 VAC, Single Phase, 50 Hz</td></tr><tr><td colspan="2"><div><div><div>○ Should include PC Software, rechargeable battery along with charger, transport case, SD card, tripod, neck strap, all required video cables, lenses mentioned above, calibration certificate, calibration kit and operation manual in English language.</div><div>○ Pre-shipment inspection and training of one person for one week at manufacturer's site.</div><div>○ Installation and testing at client's site.</div></div></div></td></tr></table></div> | IR resolution | 1024 x 768 | Object temperature range | -40°C to 2000°C | Digital zoom | 8x | Lenses | Should include 45°x34° (21 mm), 28° x 21° (36 mm), 12° x 9° (83 mm), 7° x 5.3° (142 mm), 3x zoom lenses. Prices of optional lenses should be quoted separately. | Image frequency | 30 Hz | Spectral range | 7.5 - 14.0 μm | Thermal Sensitivity | 20 mK | Display | 4.3", 800 x 480 px | Viewfinder | Built-in, 800 x 480 px | Digital Camera | 5 MP | Accuracy | ±1°C | Position | Automatic distance detection | Alarm | Above, below, interval, moisture, insulation, measurement alarms | Focus | Autofocus and manual | Image Modes | Infrared, visual, Picture-in-Picture mode | Power Supply | 220 VAC, Single Phase, 50 Hz | <div><div><div>○ Should include PC Software, rechargeable battery along with charger, transport case, SD card, tripod, neck strap, all required video cables, lenses mentioned above, calibration certificate, calibration kit and operation manual in English language.</div><div>○ Pre-shipment inspection and training of one person for one week at manufacturer's site.</div><div>○ Installation and testing at client's site.</div></div></div> | | 01 |
| IR resolution | 1024 x 768 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Object temperature range | -40°C to 2000°C | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Digital zoom | 8x | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Lenses | Should include 45°x34° (21 mm), 28° x 21° (36 mm), 12° x 9° (83 mm), 7° x 5.3° (142 mm), 3x zoom lenses. Prices of optional lenses should be quoted separately. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Image frequency | 30 Hz | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Spectral range | 7.5 - 14.0 μm | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Thermal Sensitivity | 20 mK | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Display | 4.3", 800 x 480 px | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Viewfinder | Built-in, 800 x 480 px | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Digital Camera | 5 MP | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Accuracy | ±1°C | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Position | Automatic distance detection | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Alarm | Above, below, interval, moisture, insulation, measurement alarms | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Focus | Autofocus and manual | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Image Modes | Infrared, visual, Picture-in-Picture mode | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Power Supply | 220 VAC, Single Phase, 50 Hz | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <div><div><div>○ Should include PC Software, rechargeable battery along with charger, transport case, SD card, tripod, neck strap, all required video cables, lenses mentioned above, calibration certificate, calibration kit and operation manual in English language.</div><div>○ Pre-shipment inspection and training of one person for one week at manufacturer's site.</div><div>○ Installation and testing at client's site.</div></div></div> | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <div>Warranty: One year</div> <div>Brand: FLIR T1020 or equivalent</div> <div>Origin: USA/W. Europe/Japan</div> | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

Check ListThermal Imaging IR Camera

| Sr. No. | Description | Yes | No | N.A. |
|---------|---|-----|----|------|
| 1 | Make, model no. and origin is mentioned | | | |
| 2 | Calibration certificate and calibration kit is provided | | | |
| 3 | Resolution and temperature range are mentioned | | | |
| 4 | Optional lenses are provided and quoted separately | | | |
| 5 | Optical zoom lenses are provided | | | |
| 6 | All required accessories are provided | | | |
| 7 | Optional Item prices are quoted separately | | | |
| 8 | Warranty period is clearly mentioned | | | |
| 9 | Power supply is 220V, 50Hz, Single Phase | | | |

Note: N.A = Not Applicable