



Тепловизор для температурных измерений IPT100-35

| Item | Specification | |
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| Thermal imaging characteristic | Detector | Uncooled Amorphous Silicon FPA |
| | Array format/Pixel pitch | 384x288/25um |
| | Sensitivity | ≤80mk@ 300K,50HZ |
| | Frame rate | 50Hz |
| | Spectral range | 8 ~ 14um |
| | Integrated Lens | 35mm F#=1.0 |
| | FOV | 15.6°×11.7° |
| | Spatial resolution | 0.71mrad |
| | Focus | Fix Focus (Athermalized) , < 5m Manual adjust |
| Imaging process | Image adjustment | Auto/Manual adjust contrast and brightness |
| | Noise reduction | Digital Filter |
| | Image enhancement | Auto/Manual adjustment |
| | Image resolution | 720*576(PAL format) |
| Temperature measurement function | Temperature measurement range | -20°C ~ 150°C , 100°C~500°C |
| | Accuracy | ±2°C or ±2% of reading |
| | Calibration | Auto/manual |
| | Analysis | Moveable spots 10;Moveable box area 10 (Highest/lowest temperature spot capture, average temperature display) , Temperature alarm (Color) |
| | Palette | 9 Palettes changeable |
| | Temperature unit | °C/°F/K |
| | Emissivity adjustment | 0.01 to 1.0 adjustable |
| | Background temperature adjustment | Auto/Input |
| Network | Atmospheric transmissivity adjustment | Auto/Input |
| | Video transmission | H.264 Video format, Support dual code stream,AVI format; Support code stream:0.1M~6Mbps adjustable; Support frame rate1~30 frame/second adjustable |
| | Image output | Main stream:704*576,352*288;sub stream:352*288 |
| | Network protocol | ONVIF/RTSP/FTP/PPPOE/DHCP/DDNS/NTP/UPnP |
| | Overlay caption text | Support Channel number, Date, time |
| Power | Alarm output | 2 switch output. |
| | Working voltage | 10~30V DC |
| Environmental | Power consumption | <4.5W |
| | Working temperature range | -15°C ~ 50°C |
| | Storage temperature range | -45°C ~ +65°C |
| | Encapsulation | IP40 |

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| | Packing | IP 40 (IEC 60529) |
| | Shock | 25 g (IEC 60068-2-29) |
| | Vibration | 2 g (IEC 60068-2-6) |
| Physical | Weight | <1.3kg |
| | Dimension (L×W×H) | 186.5×82.3×86.5mm |
| Interface and Accessories | Adapter | DC12V power adapter (AC100~240V input) |
| | Video Cable | Yes |
| | Net cable | RJ45 |
| | Screw | M4 |

