



APM CO., LTD.

## PV640-12

### Thermo Viewer CHCT



- Model: PV640-12
- Resolution: 640×480
- Pixel Pitch: 17μm
- Detector Type: Uncooled a-Si Micro-bolometer
- Thermal Sensitivity: < 75mK @f/1.0, 50Hz, 300K
- Spectral Range: 8 – 14 μm
- Color Palette: 10 colors (Grey ,Iron, Rainbow1,2,3/ Half\_Grey/Yellow/Mid Grey/ Fire/ BlueRed)
- Image Control: Brightness, Contrast, NUC, Invert
- Digital Zoom: 1x, 2x , 4x
- Lens: 12mm F1.0 (Manual Focus)
- Tracer Function: Hot/ Cold tracker
- TV Mode: NTSC / PAL ( Selectable by Order )
- Protocol: CHCT protocol
- Control Interface: RS485
- Video Output: Standard Video Connector ( Composite )
- Video Frame Rate: 60Hz NTSC / 50Hz PAL ( Selectable by Order )
- Start-up: < 2 Seconds
- Control Software: CHCT PV640\_Setup
- Dimensions(W.H.L): 47.0 x 47.0 x 94.5 mm
- Input Voltage: DC 8V ~ 12V
- Operating Temperature: -15 ~50C
- Storage Temperature: -40 ~ 70C
- Power Consumption: Approx. 2.8W
- Weight: Approx.320g (including 12mm lens)
- SDK (OPTION): CHCT PV640 SDK(LIB for Visual C++)
- Other Models by Order: PV640-12,20,35,50,75 (Manual Focus) PV640-12M,20M,35M,50M,75M (Motorized Focus)