

Video & Optical Systems Limited

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Test Monitors

V35TM, V35TK & V35TKM

Features

- 3.5" TFT-LCD, 960 (H) x 240 (V) Resolution
- DC12V 1A Power output for camera
- Audio input testing
- Video signal intensity testing
- PTZ control, zoom control, focus & aperture adjustment and sets & recalls the pre-set positions
- Video display automatically adapts and displays the video format of NTSC/PAL.
- LCD brightness/contrast/colour saturation adjustment
- PAL/NTSC multi-system colour bar video generator
- Data analyst captures & analyzes RS485 controlling data to help technicians with fault finding and problem solving
- Testing LAN cables, status of connections, displaying the sequence of connection and the number of the LAN cable
- Multi-interface & multi-baud rate. Supports RS232, RS485 & RS422 interface
- Baud Rate from 150 to 192000bps.
- Multi-Protocol. Supports more than 20 PTZ protocols: PELCO-P, PELCO-D, Samsung, Panasonic etc.
- Lithium Ion Polymer Battery (3.7V DC2800mAh).
- Multi-meter including voltage, current, resistance & capacitance measuring, continuity testing, diode testing (V35TM & V35TKM versions)
- Optical power meter, testing the laser power of the video fibre optic transmission equipment, and testing the fibre optic patch cord etc. (V35TK & V35TKM versions)



Description

The VOS range of test monitors have been developed for the on-site installation and maintenance of video monitoring systems. They can be used for displaying video, controlling PTZ, providing DC12V1A power for cameras, audio input test, generating images, capturing RS485 data and testing LAN cable etc. Easy operation and portability makes them simple for CCTV technicians to install and maintain CCTV systems, leading to improved work efficiency and reduced labour costs.

Applications

- CCTV System Installation & Maintenance
- Dome Camera & All-In-One Camera Testing
- The CCTV Transmitting channel Testing
- PTZ Controller

Specifications

| Model | V35TM | V35TK | V35TKM |
|--------------------------------|--|--|--|
| Video Test | | | |
| Signal Mode | NTSC/PAL (Auto adapt) | | |
| Display | 3.5" Digital TFT-LCD, 960 x 240 Resolution | | |
| LCD Adjustment | Brightness, Contrast, Saturation Adjustable | | |
| Video IN/OUT | 1 channel BNC Input & 1 channel output | | |
| Video Output Mode | 1.0V Peak to Peak | | |
| PTZ Controller | | | |
| Communication | RS232, RS422 Simplex and RS485 | | |
| PTZ Protocol | Compatible with more than 20 Protocols such as PELCO-D/P, Samsung, Panasonic, Li Lin, Yaan, etc. | | |
| Baud Rate | 150,300,600,1200,2400,4800,9600,19200bps | | |
| Video Signal Generation | | | |
| Colour Bar Generation | Output channel colour bar video signal for testing monitors or video cable | | |
| Multi-Meter | | | |
| Multi-Meter Function | Voltage, current, resistance and capacitance measuring, continuity testing, diode testing. | N/A | Voltage, current, resistance and capacitance measuring, continuity testing, diode testing. |
| Optical Power Meter | | | |
| Optical Power Meter Function | N/A | Testing the laser power of video fibre optic transmission equipment, and testing the fibre optic patch cord. | Testing the laser power of video fibre optic transmission equipment, and testing the fibre optic patch cord. |
| UTP Cable Test | | | |
| UTP Cable Test | Test UTP cable connection status and display on screen. | | |
| Audio Input Test | | | |
| Audio input test | Test audio equipment on the front-end | | |
| RS485 Data Analyst | | | |
| Data Monitor | Captures and analyzes the command data from controlling device | | |
| Power | | | |
| Power Adapter | DC5V, 2A | | |
| Power Output | DC12V, 1A Power for camera | | |
| Battery | Built-In 3.7V Lithium Polymer Battery ,3000mAh | | |
| Rechargeable | 4 Hour re-charge, working time 12 Hours | | |
| Consumption | Low, with energy saving technology | | |
| General | | | |
| Working Temperature | -30°C ~ +70°C | | |
| Working Humidity | 30% - 90% | | |
| Dimension | 176mm x 94mm x 36mm | | |
| Weight | 360g | | |