

DP-22TD6135-75B2L

Observable Thermal + Optical Bi-spectrum Network PTZ Camera



Smart Function (IR)

Smart Tracking

- Panorama Tracking, Event Tracking, Multi-Scenario Patrol
- Tracking and so on;
- Thermal and Optical Bi-spectrum linked Smart Tracking.

Smart Detection

- Intrusion Detection, Line Crossing, Region Entrance
- Detection, Region Exiting Detection, Audio Exception
- Detection, Detection of High Temperature and so on.

Smart Record

- ANR

Smart Image Enhancement

- Low bitrate and SVC self-adaptive.

Smart Alarm

- The network disconnection, IP Address conflict, HDD Full,
- HDD error, Illegal login, Exception Detection and so on.

- High-performance 1/2.8" CMOS
- Visible Light: 1920 X 1080; Thermal: 384 X 288
- Support Low illumination
- Support H.264 Video Compression
- 32X Optical Zoom and 16X Digital Zoom lens
- WDR and 3D DNR
- Up to 300 Presets
- Patrol Scan and Pattern Scan
- Up to 500m IR distance
- Auto adjust IR Intensity and Angle
- IP66 Protection Level

Function

System

- Support 3D Positioning. Support clicking to track and clicking to zoom in via Client/IE;
- Support Micro SD/SDHC/SDXC Storage Card;
- Open-ended API. Support HIKVISION SDK, ONVIF (Open Network Video Interface Forum), CGI (Common Gateway Interface) and PSIA (Physical Security Interoperability Alliance);
- Support PAL and NTSC;
- Multi-language Menu and Operation Tip;
- Support Double Backup to protect the data.
- Function of Power-off Memory: Restore PTZ & Lens
- Status after rebooting;
- Lightning Protection, Surging Protection and Voltage Transient Protection;
- IP66 protection level (Outdoor);
- Support Scheduled Tasks of Preset/Aux
- Output/Multi-scan Mode;
- Park Function: Auto calling Preset/Pattern
- Scan/Patrol Scan after idle (including the idle after reboot);
- IEEE 802.1X Access Control and IP address Filtering;
- Support NAS and ANR, up to 8 NAS;
- Support the three-level user authentication management, the authenticated user and password and HTTPS Encryption;
- Two channels accessed by single IP address;
- Support H.264/MJPEG/MPEG4 (H.264: Baseline/Main/High Profile); support Configuration of Multi-level Video Quality; support Real-Time
- Output Resolution: HDTV 1080p (SMPTE274M standard), 960p and HDTV 720p (SMPTE296M standard).

Visible Light Module

- High-Performance 1/2.8"CMOS, up to 1920X1080;
- Support 32X Optical Zoom (Lens: 8 – 250mm) and
- 16X Digital Zoom;
- Support Auto-Iris, Auto Focus, AWB, BLC, WDR and
- 3D DNR;
- Support Polygonal Private Mask for multiple regions,

multiple colors and Mosaic;

- Support Defog, HLC, Electronic Image Stabilizer and Smart IR;
- ROI Enhancement Encoding.

Thermal

- Passive Infrared Thermal Technology;
- Resolution of 384 X 288: High Sensitivity Detector, Contrast Adjustment;
- Support Shutter Adjustment in various modes and Alternative AGC Mode;
- Support 3D DNR, 14 Pseudo Colors and Image
- Details Enhancement;
- Support Mirror Image;
- Support Local Video Output;
- Thermal Len (75mm Fixed Focus): Support 1X, 2X and 4X Digital Zoom.

External Interface

- Support Network Signal Output and Analog Signal
- Output. Support PTZ speed control;
- Support up to 7-ch Alarm Input and 2-ch Alarm Output;
- Support 1-ch Audio Input and 1-ch Audio Output;
- Support Local Analog Output, 1.0V [p-p]/75Ω, PAL or NTSC, BNC;
- Support RS485, Half-Duplex. HIKVISION, PELCO-P and PELCO-D self-adaptive;
- Support Wiper in Visible Light Module. Adopt
- Automobile Windscreen Wiper.

PTZ

- 360° endless pan range; +40° ~ -90° tilt range; 0.1°~ 110°/s Manual Pan Speed and 0.1°~ 50°/s Manual Tilt Speed;
- Support up to 300 presets.
- Support up to 8 Patrol Scans. up to 32 presets per patrol;
- Support up to 4 Pattern Scans, with the recording time no less than 10 minutes per pattern;
- Proportional zoom function and park action.

Specifications

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|---------------------------------|---|----------------------|
| Model | DP-22TD6135-75B2L | |
| Thermal Module | | |
| Image Sensor | Vanadium Oxide Uncooled Focal Plane Detectors | |
| Max. Resolution | 384 X 288 | |
| Response Waveband | From 8μm to 14 μm | |
| NETD | < 50mk(@25°C,F#=1.0) | |
| Reference | Human: 1.8m X 0.5m | Vehicle: 1.4m X 4.0m |
| Focal Length (Lens) | 75mm | |
| MRAD | 0.33 | |
| Detection Range (Vehicles) | 4600 | |
| Detection Range (Human) | 1500 | |
| Recognition Range (Vehicles) | 1150 | |
| Recognition Range (Human) | 375 | |
| Identification Range (Vehicles) | 575 | |
| Identification Range (Human) | 188 | |
| Field Angle | 7.3° X 5.5° | |
| F Number | 1.0 | |
| Function | | |
| Movement Range | Pan: 360° Continuous Rotate; Tilt: From +40° to -90° | |
| Pan Speed | Configurable, From 0.1°/s to 110°/s | |
| Tilt Speed | Configurable, From 0.1°/s to 50°/s | |
| Proportional Zoom | Support | |
| Presets | 300 | |
| Patrol Scan | 8; Up to 32 Presets Per Patrol | |
| Pattern Scan | 4; More Than 10 Minutes Per Pattern | |
| Power Off Memory | Support | |
| Park | Preset/Pattern Scan/Patrol Scan/Auto Scan/Tilt Scan/Random Scan/Frame Scan/Panorama Scan | |
| PT Status | Turn On/Turn Off | |
| Scheduled Task | Preset/Pattern Scan/Patrol Scan/Auto Scan/Tilt Scan/Random Scan/Frame Scan/Panorama Scan/Doom Reboot/Doom Adjust/Aux Output | |
| Infrared | | |
| IR Distance | Up to 500m | |
| IR Intensity and Angle | Auto Adjust | |
| Network | | |
| Max. Resolution | Visible Light: 1920 X 1080; Thermal:384 X288 | |
| Main Stream | Visible Light: 50Hz:25fps(1920×1080)、25fps(1280×960)、25fps(1280×720) Visible Light: 60Hz:30fps(1920×1080)、30fps(1280×960)、30fps(1280×720) Thermal: 50Hz:25fps(384 X288) or 60Hz:30fps(384 X288) | |
| Sub Stream | 50Hz:25fps(704×576)、25fps(352×288)、25fps(176×144) 60Hz:30fps(704×480)、30fps(352×240)、30fps(176×120) Thermal: 50Hz:25fps(384 X288) or 60Hz:30fps(384 X288) | |
| Video Compression | H.264 (Baseline/Main/High Profile) /MJPEG/MPEG4 | |
| Audio Compression | G .711u/G.711a/G.722.1/MP2L2/G726/AAC/PCM | |
| Protocols | IPv4/IPv6,HTTP,HTTPS,802.1x,Qos,FTP,SMTP,UPnP,SNMP,DNS,DDNS,NTP,RTSP,RTCP,RTP,TCP,UDP,IGMP,ICMP,DHCP, PPPoE,Bonjour | |
| Simultaneous Live View | Up to 20-ch | |

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|---------------------------|--|
| User Authentication | Up to 32 users; Three Levels: Administrator, Operator and User |
| General Function | Authenticated User Name and Password; Bond MAC Address; HTTPS Encryption; IEEE 802.1X Access Control; IP Address Filtering |
| Integration | |
| Alarm Input | Up to 7-ch Relay Input (0-5vDC) |
| Alarm Output | Up to 2-ch; Support Alarm Linkage |
| Alarm Action | Preset/Patrol Scan/Pattern Scan/SD Card Record/Relay Output |
| Audio Input | LINE_IN Input/MIC Input; Peak: From 2 to 2.4V[p-p]; Output Impedance: 1K Ω \pm 10% |
| Audio Output | Linear Level; Impedance: 600 Ω |
| Communication Interface | Built-in RJ45; 10M/100M Ethernet Interface |
| Onboard Storage | Built-in Micro SD/SDHC/SDXC Card Slot, Up to 64GB; Support Manual/Alarm Recording |
| Analog Video Output | 1.0V [p-p]/75 Ω , PAL/NTSC/BNC |
| RS485 | Half-Duplex; HIKVISION, PELCO-P and PELCO-D Self-adaptive |
| API | Open-ended; Support ONVIF,PSIA and CGI; Support HIKVISION SDK and Third-Party Management Platform |
| Client | iVMS-4200 |
| Web Browser | IE 7+, Chrome 18+, Firefox 5.0+, Safari 5.02+; Multiple Languages |
| General | |
| Menu | English |
| Power | AC24V, 120W |
| Work Temperature/Humidity | From -40°C to 60°C ; Humidity: 90% or Less |
| Protection Level | IP66 Standard; TVS 6000V Lightning Protection, Surge Protection and Voltage Transient Protection |