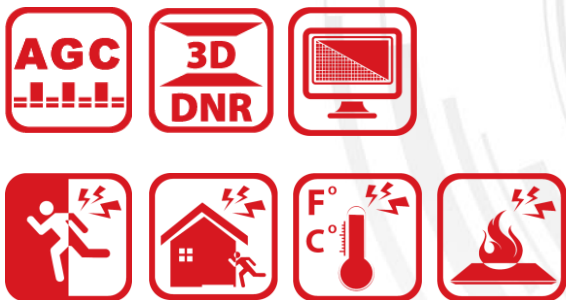


## DS 2TD6135 75B2L

### Observable Thermal & Optical Bi spectrum Network PTZ Camera



Hikvision DS-2TD6135-75B2L Observable Thermal & Optical Bi-spectrum Network PTZ Camera (also called Thermal & Optical Bi-spectrum Network Positioning System) is applied to perimeter defense and fire-prevention purposes in occasions such as: maritime affairs, territory frontier, airport, prison, electric power station, and farm. The pre-alarm system helps you discover unexpected events immediately and protects you from property loss.

#### Smart Function (Thermal Imaging)

- Leading image processing technology: Adaptive AGC, DDE, 3D DNR, NETD < 50mk(@25°C,F#=1.0)
- Powerful behavior analysis algorithm: Line crossing, Intrusion, Audio exception, Region Entrance & Exit
- Reliable temperature exception alarm function
- Advanced fire detection algorithm
- Panorama Tracking, Event Tracking, Multi-Scenario Patrol Tracking and so on;
- Thermal and Optical Bi-spectrum linked Smart Tracking.

#### Thermal Imaging Module Function

- 384×288 resolution, high sensitivity sensor, support contrast adjustment
- Support shutter adjustment in various modes
- 3D DNR, 14 palettes of color adjustable, image detail enhancement
- Support mirror image, digital zoom X2, X4 and local output



[www.hikvision.com](http://www.hikvision.com)

| Parameter      |                           | Model | DS-2TD6135-75B2L                                                                                                                                                         |
|----------------|---------------------------|-------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|                |                           |       | Observable Thermal & Optical Bi-spectrum Network PTZ Camera                                                                                                              |
| Thermal Module | Image sensor              |       | Vanadium Oxide Uncooled Focal Plane Arrays                                                                                                                               |
|                | Max. Resolution           |       | 384 × 288                                                                                                                                                                |
|                | Response waveband         |       | 8μm to 14μm                                                                                                                                                              |
|                | NETD                      |       | < 50mk(@25°C,F#=1.0)                                                                                                                                                     |
|                | Lens (focal length)       |       | 75mm                                                                                                                                                                     |
|                | MRAD                      |       | 0.33mrad                                                                                                                                                                 |
|                | Field of View             |       | 7.32°×5.50°                                                                                                                                                              |
|                | Min. Focusing Distance    |       | 8 m                                                                                                                                                                      |
|                | F number                  |       | 1.0                                                                                                                                                                      |
| Optical Module | Max. Resolution           |       | 1920 × 1080                                                                                                                                                              |
|                | Image Sensor              |       | 1/2.8" Progressive Scan CMOS                                                                                                                                             |
|                | Min. Illumination         |       | Color : 0.02Lux @ (F1.5, AGC ON)<br>B/W : 0.002Lux @ (F1.5, AGC ON)                                                                                                      |
|                | Focal Length              |       | 8-250mm, 32x                                                                                                                                                             |
|                | Aperture Range            |       | F1.8-F6.1                                                                                                                                                                |
| PTZ            | 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                                                                                                                                                         |
| Infrared       | IR Distance               |       | Up to 500m                                                                                                                                                               |
|                | IR Intensity and Angle    |       | Auto Adjust                                                                                                                                                              |
| Network        | Main Stream               |       | Visible Light: 50Hz:25fps(1920×1080)、25fps(1280×960)、25fps(1280×720)<br>Visible Light: 60Hz:30fps(1920×1080)、30fps(1280×960)、30fps(1280×720)<br>Thermal: 25fps(384 X288) |
|                | Sub stream                |       | 50Hz:25fps (704 × 576), 25fps (352 × 288), 25fps (176 × 144)<br>60Hz:30fps (704 × 480), 30fps (352 × 240), 30fps (176 × 120)<br>Thermal: 25fps (384 × 288)               |
|                | Video compression         |       | H.264 (Baseline/Main/High Profile) / MJPEG/MPEG4                                                                                                                         |
|                | Audio compression         |       | G.711u/G.711a/G.722.1/MP2L2/G.726/PCM                                                                                                                                    |
|                | Protocols                 |       | IPv4/IPv6,HTTP,HTTPS,802.1x,Qos,FTP,SMTP,UPnP,SNMP,DNS,DDNS,NTP,RTSP,RTCP,RTP,TCP,UDP,I<br>GMP,ICMP,DHCP, PPPoE, Bonjour                                                 |
|                | Simultaneous live view    |       | Up to 20-ch                                                                                                                                                              |
|                | User/Host level           |       | Up to 32 users, 3 levels: Administrator, Operator, User                                                                                                                  |
|                | Security measures         |       | User authentication (ID and PW), MAC address binding, 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: 1KΩ±10%                                                                                            |
|                | Audio Output              |       | Linear Level; Impedance: 600Ω                                                                                                                                            |
|                | 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]/75Ω, 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                    |       | IE 7+, Chrome 18+, Firefox 5.0+, Safari 5.0.2+, Multiple Languages                                                                                                       |
| General        | Menu                      |       | English                                                                                                                                                                  |
|                | Power                     |       | AC24V (DC36V Optional), 120W                                                                                                                                             |
|                | Work Temperature/Humidity |       | From -40°C to 60°C (-40°F to 140°F); Humidity: 90% or Less                                                                                                               |
|                | Protection Level          |       | IP66 Standard; TVS 6000V Lightning Protection, Surge Protection and Voltage Transient Protection                                                                         |
|                | Weight                    |       | 19kg (41.89lb)                                                                                                                                                           |
|                |                           |       | Available from A1 Security Cameras                                                                                                                                       |
|                |                           |       | www.a1securitycameras.com email: sales@a1securitycameras.com                                                                                                             |

## Wide Range Coverage for Different Specifications

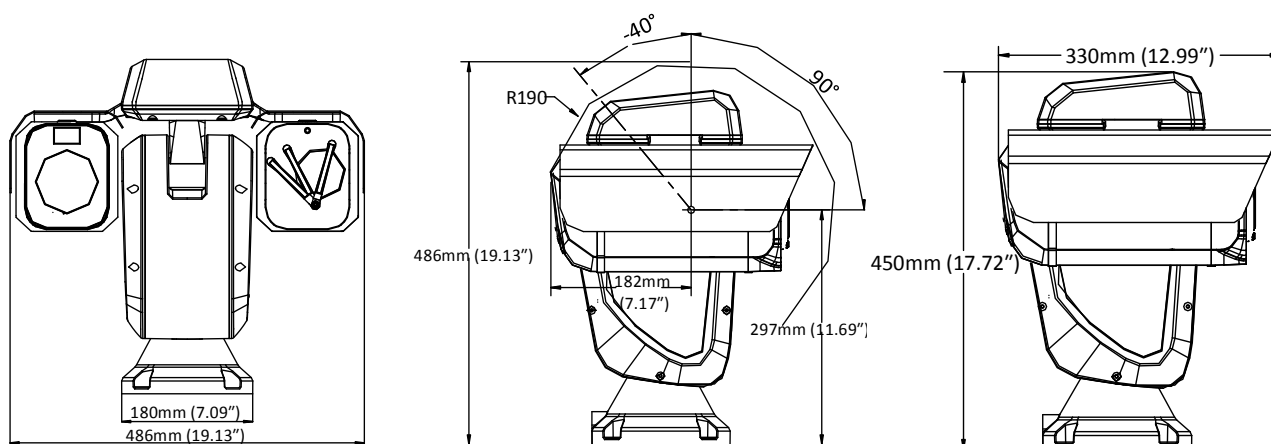
**Note:** The table below is only for reference, the performance varies from model to model, and the specific data is based on 25μm pixel space-between.

| Lens (focal length)             | 25mm  | 35mm  | 50mm  | 75mm  | 100mm |
|---------------------------------|-------|-------|-------|-------|-------|
| Detection range (Vehicles)      | 1533m | 2147m | 3067m | 4600m | 6133m |
| Detection range (Humans)        | 500m  | 700m  | 1000m | 1500m | 2000m |
| Recognition range (Vehicles)    | 383m  | 537m  | 767m  | 1150m | 1533m |
| Recognition range (Humans)      | 125m  | 175m  | 250m  | 375m  | 500m  |
| Identification range (Vehicles) | 192m  | 268m  | 383m  | 575m  | 767m  |
| Identification range (Humans)   | 63m   | 88m   | 125m  | 188m  | 250m  |

## Order Models

DS-2TD6135-75B2L

## Dimensions



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