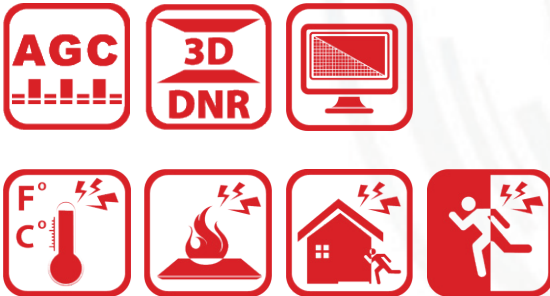


DP-22TD6266-100C2L

Thermal & Optical Bi-spectrum Network Positioning System



Dunlop DP-22TD6266-100C2L Thermal & Optical Bi -spectrum Network Positioning System is applied to frontier defense occasions, maritime defense occasions, port monitoring, airport perimeter security, and so on. 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 < 40mk (@25 °C, F#=1.0 )
- Smart tracking: Panorama tracking, Event tracking and Multi-scene patrol tracking
- Smart tracking linkage: thermal view and optical view
- Powerful behavior analysis algorithm: Line crossing, Intrusion, Region Entrance & Exit
- Reliable temperature exception alarm function
- Advanced fire detection algorithm

### Thermal Imaging Module Function

- 640\*512 resolution, high sensitivity sensor, support contrast adjustment
- Support shutter adjustment in various modes
- 3D DNR, 15 palettes of color adjustable, image detail enhancement

## Specifications

| Parameter              |                         | Model  | DP-22TD6266-100C2L |
|------------------------|-------------------------|--|--------------------|
|                        |                         | Thermal & Optical Bi -spectrum Network Positioning System  |                    |
| Thermal module         | Image sensor            | Vanadium Oxide Uncooled Focal Plane Arrays   |                    |
|                        | Max. Resolution         | 640 × 512  |                    |
|                        | Detector Pitch          | 17μm   |                    |
|                        | Response waveband       | 8μm to 14μm  |                    |
|                        | NETD                    | < 40mk(@25°C,F#=1.0)   |                    |
|                        | Lens (focal length)     | 100 mm   |                    |
|                        | MRAD                    | 0.17 mrad  |                    |
|                        | Field of View           | 6.23° × 4.98°  |                    |
|                        | Min. Focusing Distance  | 10 m   |                    |
|                        | F number                | 1.0  |                    |
| Optical camera         | Image sensor            | 1/2.8" Progressive Scan CMOS   |                    |
|                        | Min. Illumination       | Color : 0.05Lux @ (F1.8 , AGC ON)<br>B/W : 0.01Lux @ (F1.8 , AGC ON)   |                    |
|                        | Focal Length            | 6.7 - 330mm, 49 X  |                    |
|                        | Digital Zoom            | 16 X   |                    |
|                        | Field of View           | 41.3° - 1.2° (Wide -Tele)  |                    |
|                        | Min. Working Distance   | 10 - 1500mm(Wide -Tele)  |                    |
|                        | Aperture Range          | F1.8 - F6.1  |                    |
|                        | Focus Mode              | Auto / Semiautomatic / Manual  |                    |
|                        | WDR                     | Digital  |                    |
|                        | Shutter Time            | PAL: 1 - 1/30,000s / NTSC: 1 - 1/30,000s   |                    |
|                        | White Balance           | Auto / Manual /ATW/Indoor/Outdoor/Daylight lamp/Sodium lamp  |                    |
|                        | Day & Night             | IR Cut Filter  |                    |
|                        | Privacy Mask            | 24 privacy masks programmable; optional multiple colors and mosaics  |                    |
|                        | Optical Defog           | Yes  |                    |
|                        | Enhancement             | 3D DNR   |                    |
| Smart function         | VCA                     | Support 4 VCA rule types (Line Crossing, Intrusion, Region Entrance, and Region Exiting ), 10 scenes and 8 VCA rules for each scene .  |                    |
|                        | Temperature Measurement | Support 3 temperature measurement rule types, over 256 presets as scene, 21 rules of each scene (10 points, 10 regions, and 1 line)  |                    |
|                        | Temperature range       | -20 °C to 150 °C (-4 °C to 302 °F)   |                    |
|                        | Temperature accuracy    | ± 8 °C (14.4 °F)   |                    |
|                        | Fire detection          | Support 10 fire points   |                    |
| PTZ                    | Movement Range          | Pan: 360° Continuous Rotate; Tilt: From -90° to + 40° (auto flip)  |                    |
|                        | Pan Speed               | Configurable, From 0.1°/s to 110°/s  |                    |
|                        | Tilt Speed              | Configurable, From 0.1°/s to 50°/s   |                    |
|                        | Proportional Zoom       | Yes  |                    |
|                        | Presets                 | 300  |                    |
|                        | Patrol Scan             | 8; Up to 32 Presets Per Patrol   |                    |
|                        | Pattern Scan            | 4; More Than 10 Minutes Per Pattern  |                    |
|                        | Power Off Memory        | Yes  |                    |
|                        | 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                | Main Stream             | Optical: 50Hz:25fps(1920 × 1080), 25fps(1280 × 960), 25fps(1280 × 720)<br>Optical: 60Hz:30fps(1920 × 1080), 30fps(1280 × 960), 30fps(1280 × 720)<br>Thermal: 50fps (640 × 512) |                    |

|             |   |   |
|-------------|---|---|
|             | Sub stream  | Optical: 50Hz:25fps (704 × 576), 25fps (352 × 288), 25fps (176 × 144)<br>Optical: 60Hz:30fps (704 × 480), 30fps (352 × 240), 30fps (176 × 120)<br>Thermal: 50fps (640 × 512 ) |
|             | 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,IGMP,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 -5V DC)  |
|             | Alarm Output  | Up to 2 -ch; Support Alarm Linkage  |
|             | Alarm Action  | Preset/Patrol Scan/Pattern Scan/SD Card Record/Relay Output /Smart capture/FTP upload/Email linkage   |
|             | 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, ISAPI 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   |
|             | Wiper   | Yes   |
|             | Power   | 24V AC , 120W   |
|             | Work Temperature/Humidity   | From -40°C to 60°C ( -40°F to 140°F); Humidity: 90% or Less   |
|             | Protection Level  | Open-ended API, support ISAPI; Support HIKVISION SDK and Third -party Management Platform   |
|             | Dimensions  | 486.1 mm × 351.6 mm × 450.3 mm (19.14" × 13.84" × 17.73")   |
|             | Weight  | Approx. 19kg (41.89lb)  |

## 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 17 μm detector pitch.

| Lens (focal length)             | 7mm  | 10mm | 15mm  | 25mm  | 35mm  | 50mm  | 75mm  | 100 mm |
|---------------------------------|------|------|-------|-------|-------|-------|-------|--------|
| Detection range (Vehicles)      | 631m | 902m | 1353m | 2255m | 3157m | 4510m | 6765m | 9020 m |
| Detection range (Humans)        | 206m | 294m | 441m  | 735m  | 1029m | 1471m | 2206m | 2941m  |
| Recognition (Vehicles) range    | 158m | 225m | 338m  | 564m  | 789m  | 1127m | 1691m | 2255m  |
| Recognition (Humans) range      | 51m  | 74m  | 110m  | 184m  | 257m  | 368m  | 551m  | 735m   |
| Identification (Vehicles) range | 79m  | 113m | 169m  | 282m  | 395m  | 564m  | 846m  | 1127m  |
| Identification (Humans) range   | 26m  | 37m  | 55m   | 92m   | 129m  | 184m  | 276m  | 368m   |