



## **ORION : OFL-5T-PL-A**

5 MP Day / Night Polaris Fixed Lens IP Turret Camera with PoE

## OVERVIEW

AADONA Offers a comprehensive range of advanced security and surveillance solutions to meet the ever-changing requirements of different industries. We offer a wide range of solutions for many different verticals comprising defense, government, hotels, hospitals, educational institutes, homes, infrastructure, and transportation among others. Being a proud Indian brand, we bring efficient, reliable, scalable, and integrated solutions to our customers.

At AADONA we have a specialized team to deliver highly customized solutions based on your project needs that perfectly fit customer demand, strong R&D, and QA to ensure top-notch quality and performance. AADONA Orion series brings intelligent security and surveillance solutions that protect people, properties, and assets. They ensure safety, security, and productivity in various industrial processes and help make the world safer. Our integrated security systems have been used in various situations and they deliver comprehensive coverage.

Orion OFL-5T-PL is a 5MP IP Day/Night IR Turret Camera with PoE and 3.6mm Fixed Lens from AADONA which features a progressive scan CMOS sensor and is capable of recording images up to 2560 x 1920 at 25 fps. These extremely high resolutions offer pristine, super crisp images. It features day/night functionality and a mechanical IR cut filter that allows recording in color with illumination levels as low as 0.1 lux. Designed with a Sony CMOS sensor, 50 dB signal-to-noise ratio, and 120dB WDR, OFL-5T-PL is capable of extreme low-light performance for recording color video in most environments.

AADONA's Orion series cameras can be managed by 8, 16, 32 channel fixed NVR as well as NVR NAS with a capacity of 2 bay to 96 bay that can store data for months and years, in addition, AADONA VMS solution offers wide range of features and it also comes with free licenses to start with.

## FEATURES

- Make In India product
- High Quality and performance
- ICR Infrared filter for automatic switching from Day to Night mode and vice versa.
- Supports automatic electronic shutter function to adapt to different monitoring environments
- High-performance 3D digital noise reduction & edge enhancement, using ROI video compression technology
- Support mobile phone or computer monitoring
- Smart Analytics
- Sony Sensor
- 30-meter digital IR range
- Power Input: POE 48V / DC12V
- Compression: H.264 / H.265 / H.265+
- Available in Plastic and Metal body variants

## SPECIFICATIONS

|                             |  |
|-----------------------------|--|
| Camera Model                | Orion OFL-5T-PL  |
| Country Of Origin           | India  |
| Body type                   | Turret (Dome with a flat front)  |
| Image Sensor                | 1/2.7", 5MP progressive scan ultra-low CMOS  |
| Resolution                  | 2560 x 1920  |
| Video Compression           | H.264 / H.265 / H.265+   |
| Lens                        | 3.6mm Fixed Lens   |
| Lens Mount                  | CS-Mount   |
| Warm Light LED              | 2  |
| IR Range                    | 30 Meter Digital   |
| Noise Reduction             | 3DNR (Off / Low / Medium / High / Higher)  |
| Wide dynamic range          | 120db WDR  |
| BLC                         | Supported  |
| S/N Ratio                   | ?50db (AGC closed)   |
| Day&night                   | ICR Switch   |
| Minimum Illumination Color: | 0.001Lux@F1.2  |
| Minimum Illumination B&Wr:  | 0Lux@F1.2 (Iron)   |
| Image Settings              | Support for brightness, contrast, saturation, white balance, AWB (automatic white balance), AGC (automatic gain), AE (automatic exposure), support privacy area, normal / 90° / 270° image rotation, Automatic, manual color to black & other switches |
| OSD                         | Yes  |
| Mirror / Flip On / Off      | Yes  |
| Privacy Masking             | 4 Zone Selectable  |
| Video Main Streaming        | 2560 x 1920 @ 15fps, 2592 x 1520 @ 20fps, 2048 x 1536 @ 25fps  |
| Video Sub Streaming         | 704 x 576 @ 20fps, 640 x 480 @ 20fps   |
| Video Bit Rate              | 32 Kbps - 4 Mbps adjustable  |
| Audio Streaming             | CBR / VBR D.711U   |
| Audio Bit Rate              | 64 kbps  |
| Audio Input                 | Analog Audio In (Support Passive / Active)   |
| Smart Analysis              | Target Count, Object Left / Lost, Area Detection, Line Crossing  |
| Network Protocol            | TCP / IP, UDP, HTTP, DHCP, RTSP, NTP   |
| System compatibility        | Onvif, T8s, Slink, GB 28181  |
| OS compatibility            | Windows, Linux, MAC, Android, Apple IOS  |
| VMS Support                 | Yes  |
| User Support                | 3 user max   |
| Communication Interface     | RJ45 10/100mbps, Analog Audio In   |
| Power Input                 | POE RJ45 Input 48V Standard / DC Input 12V-2A  |

Power consumption

Operation Temperature/Humidity

Housing type

Housing Material

Warranty

Important

Maximum 5W (7W with ICR on)

0°C to +50°C / 90% or less Relative Humidity

(IP55) - 20°C to +60°C / 90% or less Relative

Humidity (IP66)

IP55 / IP66

High-Quality ABS / Metal (Options available)

2 Years\*

Housing design changes from time to time-based on popular demand, new designs, or fresh looks.

Housing design may change without notice



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