ORION : OFL-5B

5MP Day/Night IR Bullet IP Camera

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-5B is a 5MP IP Day/Night IR Bullet 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-5B 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 vide range of features and it also comes with free licenses to start with.

- 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
- 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-5B
Country of Origin	India
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
IR LED	42/Smart IR
IR Range	30 Meters 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 - 8 Mbps adjustable
Audio Streaming	CBR / VBR G.711U *Not supported in IP66 metal housing.
Audio Bit Rate	64 Kbps *Not supported in IP66 metal housing.
Audio Input	Analog Audio In (Support Passive / Active) *Not supported in IP66 metal housing.
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 users max
Communication Interface	RJ45 10/100 Mbps, Analog Audio In *Audio not supported in IP66 metal housing.
Power Input	PoE RJ45 Input 48V Standard / DC Input 12V–2A
Power consumption	Maximum 5W (7W with ICR on)
Operating Temperature/Humidity	0°C to +50°C / 90% or less Relative Humidity (IP55) - 20°C to +60°C / 90% or less Relative Humidity (IP66)
Housing type	IP55 / IP66
Housing Material	High-Quality ABS / Metal (Options available)
Warranty	3 Years*

*All specifications are subject to change without notice.

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