

PRODUCT DATA SHEET

VILUM-P

RELIABLE IR ILLUMINATION FOR ANPR AND TRAFFIC SYSTEMS

VILUM-P is a high-performance pulsed IR flash designed for precision enforcement and high-speed imaging. By delivering extremely high peak illumination exactly at the capture moment, it enables sharp, blur-free images in demanding traffic scenarios.

The system is based on a multi-wavelength architecture, allowing flexible configuration to match different camera technologies and field requirements. Customizable optics ensure accurate illumination alignment for various lane layouts and installation distances.

Built for true pulsed operation, VILUM-P combines extreme brightness with controlled thermal behavior, making it suitable for continuous field use in enforcement environments. The unit supports precise external triggering and network-based control, enabling tight synchronization with cameras and centralized system management.

Fully microprocessor-based and developed according to INVIS industrial design standards, VILUM-P is ideal for speed enforcement, red-light enforcement, ANPR, and any application requiring high-intensity, precisely timed LED illumination.



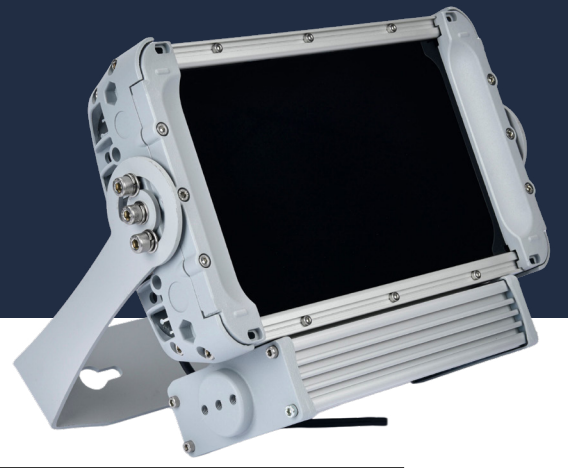
VILUM-P — precise, high-power pulsed illumination for enforcement-grade imaging.

KEY SPECIFICATIONS

- Peak Output Power: Up to 990 W
- Operating Mode: Pulsed IR / visible flash
- Pulse Width Range: 50 μ s – 10 ms
- Maximum Duty Cycle: 10% at full power
- Wavelength Options: Visible, 730 nm, 850 nm (dual / triple)
- Optics: Customizable lens angle per wavelength
- Trigger Interface: External pulse trigger input
- Network Interface: LAN with API control
- Synchronization Output: Yes (multi-flash support)

VILUM SPECIFICATION

RELIABLE IR ILLUMINATION FOR ANPR AND TRAFFIC SYSTEMS



Peak Output Power	Up to 990 W pulse
Operating Mode:	Pulsed IR / visible flash
Pulse Width Range:	50 μ s – 2 ms
Power Input	24 to 28 VDC
Wavelength	850nm/730/760 (dual wavelength is optional)
LED Brand	OSRAM Oslon Black
Lens angle	40 degrees (can be select by customer 80-18 Degree)
Driving Method	Pulse with maximum %10 PWM ratio.
Trigger Interface	External pulse trigger TTL input
Network Interface	LAN with API control (RS485 optional)
Sync. Output	TTL Pulse
Dimension	36x25x10 cm (without Bracket)
Protection grade	IP66
Operational	temperature 25- to 55 centigrade
Mounting Bracket	Include Bracket (It has a connection mechanism to the base)



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