

NDA VANGUARD

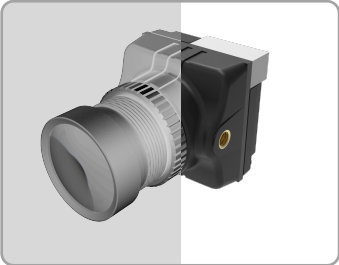
Analog FPV Camera For Day & Low Light



FPV Through And Through

The best spots aren't under the midday sun; they are inside abandoned parking structures, deep concrete bandos, and under the canopy right as twilight hits. That's where standard cameras give up, turning your feed into a grainy, static mess that makes you second-guess every gap. We built the Vanguard so you never have to cut a session short. This micro powerhouse acts like a cheat code for your goggles, instantly pulling crisp, high-contrast detail out of deep, murky shadows. The wide, immersive field of view lets you track gates and branches seamlessly, turning low-light environments into clean, readable lines.

While the rest of the crew is packing up their gear because they can't see the concrete pillars, you're still riding.



For Night And Day

The camera works well under adverse conditions. It is tuned for sophisticated FPV operators, ignoring color-accuracy over contrast and visibility under most conditions.



Quick Standard Mount

A 19x19 casing with the dual side nuts makes integration into your existing project a breeze. the connector and pinout follow popular FPV camera standards.



Interchangeable Lens

One size never fits all. Therefore, the standard threading and compatibility with off-the-shelf camera lenses provides a wide selection of field of views and optical filters.



Cost Effective

Despite a focus on unconventional features and capabilities first, we never lose sight of cost effectiveness in our solutions. Contact us for bulk discounts.

Key features

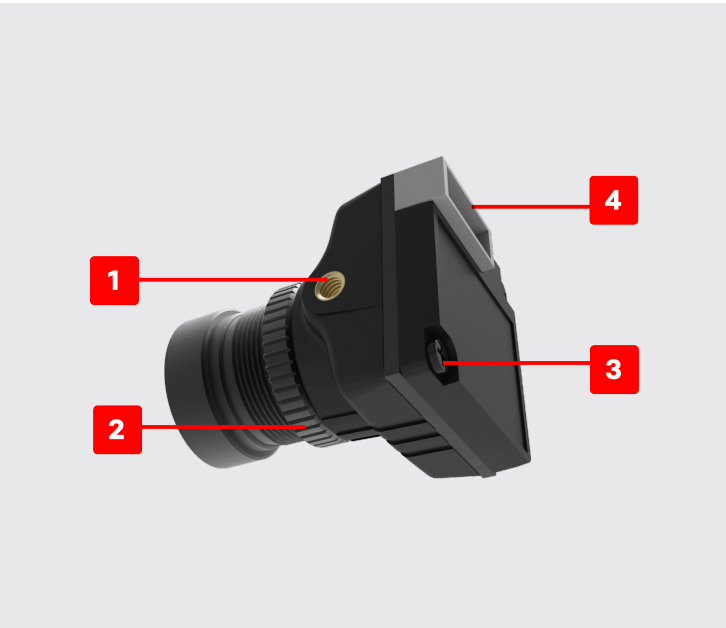
- Super small size
- Back-illuminated Pixel technology
- ultra-high sensitivity sensor with 11390 mV/Lux-sec

- Interchangeable optics
- Easy mount with basic tools
- Starlight night vision effect



SPECIFICATIONS

Image Sensor	1/2.8"2MP	Integrated OSD	Yes
Sensitivity	11390 Millivolts/Lux-Second	Signal-To-Noise Ratio	>50dB
Resolution	1000TVL +	Menu Control	Joystick Control
Lens	Depth Of Field Of View: 125° Horizontal: 107° Vertical: 56°	Building Materials	ABS
Screen Format	16:9 4:3	Net Weight	8.5 Grams
Signal System	NTSC/PAL Switchable	Dimensions	19mm Long*19mm Wide*27mm High
Power Input	DC 5-28V	Current	90mA@12V / 250mA@5V



Functions details

- 1 M2 Screws mount
- 2 M12 lens with tuning gear
- 3 Easy backdoor access
- 4 Standard connector: 5-24V, GND, Video, VBTA+, GND, Menu

