

ELEVATE Z1



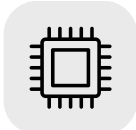

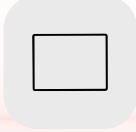
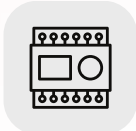


Attachments

E-15 Remote Controller

The easy-to-maneuver remote controller, perfectly guiding the drone flight with its features.



-  Qualcomm 8-Core CPU
-  15 Km dual 1080p digital image transmission
-  1080p HD High Brightness Monitor
-  Dual operator RC Relay



Attachments

Dual Channel LiPo Battery Charger



The insideFPV dual-channel 6S LiPo battery charger supporting 20A charging current per channel, battery resistance meter, synchronization mode, and safety features like over-temperature protection.



100+ Minutes Flight Time

1.5+ Kilograms Camera Payload

10+ Km Flight Range



HD Payload Z1

The HD Payload Z1 enhances drone capabilities with high-definition imaging and advanced features for modern surveillance needs, making it a game-changer in drone technology.





HD Payload Z1

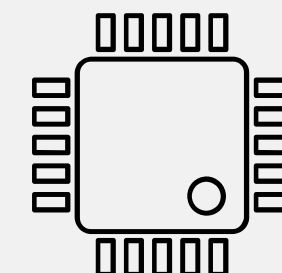


2K Camera

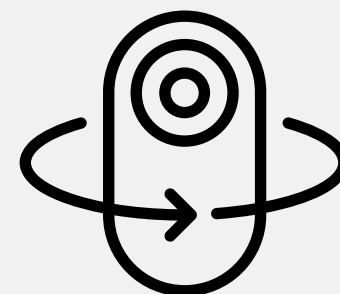
The ZR10 optical pod features a 2K resolution 4MP camera with 10X optical zoom and 30X hybrid zoom.



30x Hybrid Zoom
10x Optical Zoom



4MP
12.7-Inch CMOS



320-Degree
Yaw axis Rotation

2K

2K Quad Hd Video
& Photography



Smart Identity and tracking



The HD Payload Z1 works with the optional Inside FPV AI tracking module, which combines Inside FPV's self-developed AI algorithm and collaborates with Inside FPV optical pods (gimbal cameras) to achieve real-time tracking and capture of targets, along with real-time focusing and zooming to highlight the selected object in the picture. The target will always be in the center of the picture and maintain a clearly visible proportion. It supports an anti-lost function, where during the tracking process, if the target is blocked or briefly leaves the monitoring screen, the AI tracking module can automatically recognize and continue tracking when it re-enters the screen.



Stabilization Technology

Point anywhere to focus lens from zoom camera to get clear view on selected part of screen



Focus Tracking

Zoom Camera stays focusing and keeps filming smooth videos while users are scaling images



HDR

HDR (High Dynamic Range) precisely captures good details of highlight and shadows in dynamic scenes to get true colors and natural brightness



Starlight Night Vision

The Ultra-sensitive starlight CMOS keep images bright in low light environment

About Us

Insidefpv is a deep-tech drone startup revolutionising consumer, agriculture and defence space. Making this world technology enabled by capturing moments, cultivating fields and ensuring security.

1st

**Drone Company on
Shark Tank India & Tedx**

31+

**Drone Experience
Arenas pan India**

300+

**News and Media
Outlets Featured us**

3000+

**Delighted
Customers**

4200+

**Deliveries
Completed**

28000+

**Trusted Members
of our community**



OUR VISION

To become number one global drone manufacturing brand.

OUR MISSION

At insideFPV, we are on a mission to open sky for all by giving accessibility and providing our customers affordable, user-friendly and best-in class drones

News & Media Accomplishments



Divya Bhaskar, 98.3fm



Articles and stories by



Forbes



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Achievements



Contact Us



We're excited to bring you the top drones and drone-related products available. Whether you're looking **for consumer, agricultural, or defence** solutions, our expertise and experience ensure we meet all your needs.

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