

ALIT TACTIC

ALIT DRONES · UNMANNED SYSTEMS



— HEAVY-LIFT · AI-GUIDED · FOLDABLE

FPV FIGHTER DRONE Z15

Lift 10 kg and stay airborne for up to 70 minutes. Find, lock and follow targets through a visible and thermal AI gimbal, over an anti-jamming link that reaches 20 km.

10 kg

MAX PAYLOAD

70 min

ENDURANCE, NO PAYLOAD

20 km

ANTI-JAM VIDEO LINK

40 km

TOTAL FLIGHT RANGE

01 · CAPABILITIES

EIGHT REASONS IT OUTWORKS THE REST

01  AI RECOGNITION & DYNAMIC TRACKING Locks onto a moving subject and keeps it in frame while you fly.	02  10 KG PAYLOAD Single-drop mechanism and ignition function in the set.	03  70 MINUTES BATTERY LIFE Up to 70 min without payload on a 25,000 mAh 8S pack.	04  20 KM ANTI-JAM LINK Frequency-hopping digital image transmission.
05  ROUTE PLANNING, TAP TO FLY Draw the route on the controller screen and send the drone.	06  3-AXIS GIMBAL, VISIBLE & THERMAL 30x zoom and a 384x288 thermal lens.	07  RETURN TO BASE, ONE CLICK One press and the drone flies itself home.	08  FOLDABLE Folds to 195 x 441 mm and goes in the case.

02 · ENDURANCE

TIME ON STATION, AT ANY LOAD

A 29.6 V 8S 25,000 mAh pack at 380 Wh/kg keeps the Z15 flying for over an hour empty, and still gives working time at a full 10 kg.

0 kg		~70 MIN
5 kg		~25 MIN
10 kg		~13 MIN

APPROXIMATE. VARIES WITH WIND, ALTITUDE AND TEMPERATURE.

Speed, GPS mode	up to 100 km/h
Speed, altitude-hold	up to 120 km/h
Max speed	170 km/h
Total mileage	40 km
Positioning	GNSS triple-mode



03 · AI VISION

SEE IT.
LOCK IT.
HOLD IT.

AI terminal guidance covers animals out to 300 m and vehicles out to 800 m, fed by a stabilised dual-lens gimbal.

800_m 300_m 30_x
VEHICLE ANIMAL ZOOM

VISIBLE LENS

Photo / video	2560 × 1440
RTSP stream	1280 × 720
Gimbal accuracy	0.1°

THERMAL LENS

Resolution	384 × 288
Focal / aperture	7 mm / F1.0
Field of view	24.8° × 18.7°



04 · PORTABILITY

CARBON STRONG.
CASE SMALL.

Carbon-fibre frame, metal quick-release arm locks and 15-inch self-locking folding props, with upgraded structural connectors for the 10 kg lift class.

-72%
FOLDED FOOTPRINT
580×538 → 195×441 mm

05 · THE COMPLETE SET

 15" FOLDABLE FPV Drone with AI dual-lens gimbal	 HARD CASE 550 × 465 × 290 mm	 R12 CONTROLLER 5.5-inch screen	 CHARGER 200 W, 1-8S	 BATTERY 29.6 V 8S 25,000 mAh	 SINGLE-DROP MECHANISM With ignition function
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FULL TECHNICAL DATA

PERFORMANCE

Max payload	10 kg
Max speed	170 km/h
GPS mode	100 km/h
Altitude-hold	120 km/h
Total mileage	40 km
Endurance, no load	~70 min
Endurance, 5 kg	~25 min
Endurance, 10 kg	~13 min
AI guidance	300 m / 800 m

AIRFRAME & POWER

Unfolded	580×538×133 mm
Folded	195×441×133 mm
Diagonal	690 mm
Weight, no battery	3,300 g
Propellers	15" 3-blade
Motor / ESC	T4-15 / 8S 120A
Battery	29.6 V 25,000 mAh
Battery weight	2,300 g
Energy density	380 Wh/kg

LINK & NAVIGATION

Video link	20 km, hopping
RC bands	2.4 / 5.8 GHz
Anti-jamming	Freq. hopping
Positioning	GNSS triple
Controller	R12, 5.5"
Flight functions	Route, 1-click RTH
Operating temp.	-10 to 40 °C
Charger	200 W, 1-8S
Case	550×465×290 mm



Figures are nominal. Performance varies with payload, altitude, temperature and wind. Specifications are the manufacturer's and are subject to the delivered configuration; final figures are confirmed in the quotation. Supplied to authorised defence and law-enforcement end users, against documented end-user certification and the export approvals of the countries concerned.

REQUEST A TECHNICAL BRIEFING

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