Fang™ PAYLOAD READY FAMILY

PAYLOAD-READY BY DESIGN

A purpose-built family of FPV air vehicles designed to carry mission payloads across multiple weight classes. Choose the airframe that matches the payload, range, and endurance required for the mission.

› Integrated Picatinny rail + ESAD connector
› IRONghost dual-radio air unit
› Orqa H7 flight controller
› Folding antenna mount for packability
› Day and night-vision air vehicle options



CHOOSE THE RIGHT FANG

A common payload-ready architecture scaled across three aircraft sizes.

F5-P

PAYLOAD	0.5 kg	TOP SPEED	75 mph
RANGE*	6 km	ENDURANCE*	8 min

F7-P

PAYLOAD	1.0 kg	TOP SPEED	97 mph
RANGE*	7.5 km	ENDURANCE*	10 min

F10-P

PAYLOAD	2.0 kg	TOP SPEED	97 mph
RANGE*	10 km	ENDURANCE*	10 min

*With rated payload. Performance figures shown are based on the supplied product specifications.

FANG™

DEFINING THE FUTURE OF ALL DOMAIN OPERATIONS

RED CAT AERIAL

version 261008

FANG

FANG™
BY RED CAT AERIAL

PAYLOAD READY FAMILY

F5-P / F7-P / F10-P



REDCATAERIAL.COM

ONE FAMILY. THREE PAYLOAD CLASSES.
0.5 kg · 1.0 kg · 2.0 kg

RED CAT AERIAL

Fang™ PAYLOAD READY FAMILY

PAYLOAD-READY FPV AIR VEHICLES

Three airframe sizes built around a shared payload-ready architecture, allowing teams to select the aircraft that best matches payload mass and mission profile.

F5-P

COMPACT PAYLOAD PLATFORM

PAYLOAD
0.5 KG

TOP SPEED
75 MPH

RANGE W/ PAYLOAD
6 KM

ENDURANCE W/ PAYLOAD
8 MIN



F7-P

MID-SIZE PAYLOAD PLATFORM

PAYLOAD
1.0 KG

TOP SPEED
97 MPH

RANGE W/ PAYLOAD
7.5 KM

ENDURANCE W/ PAYLOAD
10 MIN



F10-P

HEAVY PAYLOAD PLATFORM

PAYLOAD
2.0 KG

TOP SPEED
97 MPH

RANGE W/ PAYLOAD
10 KM

ENDURANCE W/ PAYLOAD
10 MIN



ADDITIONAL SPECS

RANGE, NO PAYLOAD	**8 km**
ENDURANCE, NO PAYLOAD	**8-12 min**
WEIGHT W/ BATTERY	**1.1 kg**
FOLDED	**31.5 × 32.5 × 9 cm**
UNFOLDED	**48 × 32.5 × 22.5 cm**
BATTERY	**6S1P**
MOTORS	**2207 1860kv**

ADDITIONAL SPECS

RANGE, NO PAYLOAD	**10 km**
ENDURANCE, NO PAYLOAD	**10-15 min**
WEIGHT W/ BATTERY	**1.2 kg**
FOLDED	**36.5 × 40 × 9 cm**
UNFOLDED	**50 × 40 × 22.5 cm**
BATTERY	**6S1P**
MOTORS	**2807 1300kv**

ADDITIONAL SPECS

RANGE, NO PAYLOAD	**15 km**
ENDURANCE, NO PAYLOAD	**10-15 min**
WEIGHT W/ BATTERY	**2.53 kg**
FOLDED	**57 × 57 × 9 cm**
UNFOLDED	**57 × 57 × 22.5 cm**
BATTERY	**6S3P**
MOTORS	**3115 900kv**

COMMON PAYLOAD-READY ARCHITECTURE Picatinny Rail + Esad Connector • Orqa H7 Flight Controller • Ironghost 5w Dual-Radio Air Unit • Folding Antenna Mount • Day/Night-Vision Configuration

RED CAT