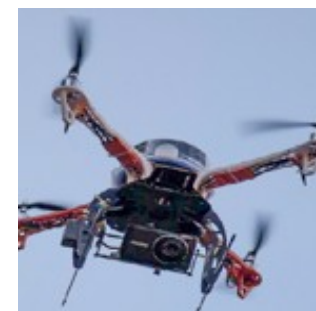


Ianuarie 2017

Contact:

[office@FAE-Drones.com](mailto:office@FAE-Drones.com)Bd. Theodor Pallady 287,  
Bucuresti[www.FAE-Drones.com](http://www.FAE-Drones.com)

Nume	FAE1115Octa	FAE2000Hexa	FAE750Hexa	FAE450Quad	FAE1718FW
Nume comercial	<b>PREDATOR</b>	<b>DAEDALUS</b>	<b>BEETLE</b>	<b>SURIKEN</b>	<b>ARROW</b>
Tip constructiv	Octocopter	Hexacopter	Hexacopter	Quadcopter	Aripa fixa (Avion)
Destinatie	topografie, agricultura, supraveghere, masuratori de mediu	Topografie	topografie, agricultura, supraveghere,	antrenament in pilotarea dronelor	topografie, agricultura, masuratori de mediu
Caracteristici de proiectare	Optimizat pentru dimensiuni reduse, timp de zbor si sarcini mari, flexibilitate in aplicatii	Optimizat pentru timp de zbor maxim	Optimizat pentru buget redus la cea mai buna performanta	Optimizat pentru rezistenta la socuri si usurinta in reparare, se vinde cu una din dronele multirotor	Optimizat pentru distanta de zbor maxima si/sau viteza maxima
Material constructie	Fibra Carbon	Fibra carbon	Fibra Carbon	Plastic	EPO foam (Expanded PolyOlefin)
Motoare	8	6	6	4	1
Forta maxima	20Kg (196N)	30KgF (294N)	12KgF (117N)	3.8KgF (37N)	
Masa sarcina utila recomandata	1500g cu 48% din putere	1500g cu 50% din putere	1300g cu 43% din putere	100g	500g
Tip sarcina utila	Gimbal 2- 3 axe cu camera foto format mediu-mare	Gimbal 2 axe cu camera foto format mediu-mare	Gimbal 2 axe cu camera foto format mediu/mic	camera video format mic	Camera foto format mediu
Sarcina maxima la decolare cu putere 80%	<b>9500g</b>	8600g	5500g	-	1000g
Timp de zbor maxim cu sarcina recomandata	35 minute	60 minute	<b>30 minute</b>	15 minute	60 min
Timp de zbor maxim fara sarcina	<b>56 minute</b>	<b>90 minute</b>	50 minute	-	80 min
Viteza de croaziera	0-30Km/h	0-30Km/h	0-30Km/h	0-30Km/h	60Km/h
Viteza orizontala maxima cu sarcina recomandata	80Km/h	50Km/h	80Km/h	80Km/h	110Km/h

## Drone industriale FAE

<b>Viteza ascensionala maxima cu sarcina recomandata</b>	15m/s	10m/s	15m/s	10 m/s	15m/s
<b>Diametru intre motoare</b>	1115mm	1800mm	700mm	450mm	anvergura 1718mm
<b>Tip GNSS</b>	GPS- GLONASS-GALILEO	GPS- GLONASS-GALILEO	GPS- GLONASS-GALILEO	GPS	GPS- GLONASS-GALILEO
<b>Baterie li-po</b>	6S/22A	8S/40A	6S/16A	3S/5A	10A/3s
<b>Dimensiune elice</b>	16 inch	30 inch	13 inch	9 inch plastic	13 inch
<b>Legatura video</b>	1080P full HD digital with 5 Km range, encrypted 256bit	1080P full HD digital with 5 Km range, encrypted 256bit	1080P full HD digital with 5 Km range, encrypted 256bit	-	Pe laptop prin Internet 4G stick
<b>radio link</b>	encrypted using data link from video, 5Km	encrypted using data link from video, 5Km	encrypted using data link from video, 5Km	2.4Ghz 2Km	Internet 4G stick nelimitat ca distanta
<b>Radiocomanda</b>	Digitala 16 canale	Digitala 16 canale	Digitala 8 canale	-	Control prin laptop UDP/IP
<b>Plafon maxim</b>	>3500m	>3500m	>3500m	1000m	>5000m
<b>Charger Li-Po digital</b>	1000W	1000W	250W	-	250W
<b>Masa totala in zbor fara sarcina</b>	7400g	11000g	4000g	1500g	2600g
<b>Top controller</b>	Pixhawk 32	Pixhawk 32	Pixhawk 32	ArduPilot 2.7	Pixhawk 32
<b>Link telemetrie</b>	USB 433Mhz – 2Km	USB 433Mhz – 2Km	USB 433Mhz – 2Km	USB 433Mhz – 0.5Km	4G- UDP/IP nelimitat
<b>Temperatura de lucru</b>	-10 +60 C	-10 +60 C	-10 +60 C	-10 +60 C	-10 +60 C
<b>Sarcina recomandata</b>	camera cu gimbal	camera cu gimbal	camera cu gimbal	camera fixa	camera fixa