



# GUARDIAN EYE

MADE IN BELGIUM

## SPECIFICATIONS STANDARD EQUIPMENTS

<b>WINGSPAN</b>	2.20 m
<b>MAX TAKE OFF WEIGHT</b>	6.50 kg
<b>MAX PAYLOAD</b>	2.00 kg
<b>STALL / CRUISE / MAX SPEED</b>	22m/s - 28m/s - 38m/s
<b>ENDURANCE</b>	(2) hrs night missions on batteries only (5) hrs daytime missions on batteries & solar cells Batteries Li-ion & Solar Cells Altadevices
<b>FUSELAGE - WINGS</b>	Carbon Fiber
<b>TAKE-OFF METHOD</b>	Catapult
<b>TAKE-OFF/LANDING</b>	Full automatic
<b>AIRBRAKES</b>	Full automatic
<b>CEILING</b>	15000 Ft MSL
<b>OPERATIONAL TEMPERATURE</b>	-10°/+50° C
<b>SERVOS</b>	TGY-S712G (4)
<b>POWERPLANT Brushless KONTRONIK</b>	Pyro 750-41P
<b>PROPELLER AERONAUT</b>	3 blades Folding Props 16 x 10
<b>BATTERY Li-ion PANASONIC</b>	25.000mAh/ 6S6P/22.2Volts/ 90A/ 566Wh/ 1998W
<b>SOLAR CELLS</b>	ALTADEVICES ½ sq. meter High Technologies
<b>3G/4G VIDEO LIFE STREAMING</b>	STREAMBOX – AVENIR-Drone Encoding HD & SD Broadcasting 4 Simcards
<b>TRANSPONDER</b>	SAGETECH XPS-TR Mode S
<b>GROUND STATION</b>	AIRELECTRONICS U-GROUND
<b>AUTOPILOT</b>	AIRELECTRONICS U-PILOT
<b>SOFTWARE</b>	AIRELECTRONICS U-SEE
<b>CAMERA / GIMBAL - Retractable Day/Night - Gyro Stabilized</b>	COLIBRI-640 EO / IR Retracting, object tracking, video compression, IP encapsulation, PWM/SBUS Adapter, A3 Adapter

