

AEROGARD V3900 - H "AYBARS-II"



- Maximum Horizontal Rotational Speed: 300 Degree Per Second Maximum Pitch Rotational Speed : 60 Degree Per Second Maximum Horizontal Rotational Angle: Unlimited
- Frequency: 1425MHz-1450MHz (800M/2.4G Gain: 9.0+1 (800MHz and 2.4GHz will be different) Size: 260x260x40mm
- Antenna Interface *1, SMA, WIFI antenna *2, SMA, video transmission antenna



- 640x512 px 50mm Lens Thermal Camera
- 10.000m Laser Distance Meter
- SONY 1/2.8" "Exmor R" CMOS
- Full HD 1080 (1920*1080)
- 30X with optical zoom)
- Operating temp. -20°C to +60°C
- Micro HDMI(HD output 1080P 60fps) / IP (720P) / SDI (1080P 30fps)
- Min object distance 10mm(wide end) to 1200mm(tele end). Default 300mm



Model	VTOL V3900-H
Takeoff Method	VTOL
Wingspan	3.9 m
Fuselage Length	2.26 m
Maximum Takeoff Weight	35 Kg
Max. Payload	5 Kg
Propulsion System (Vertical)	4xBrushless DC Motor
Propulsion System (Horizontal)	1X60 cc EFI Engine
Build Material	Composite
Range / Data Link	25- 100 Km (Optional)
Flight Time	VTOL: 7-8h / 2 Kg payload Runway: 11-12h / 2 Kg payload
Fuel Tank	10L (Optional 20L for Runway)
Operating Speed	80 Km/h
Maximum Speed	130 Km/h
Maximum Altitude	MSL 13.000 ft
Ground Control Station (GCS) & RC	Rugged Single & Dual Screen Windows GCS
Camera	Dual Sensor Camera: 30x Zoom, 8 or 10 Km LRF 50 mm Lens Thermal (640x512 pixel)
Operating Temperature	-20°C to +60°C



- Both touchscreens are ultra bright with anti-glare display technology
- 13.3" industrial grade upper display
- Upper display can be used via HDMI connection
- 12.1" LCD bottom display
- 1920x1080 resolution, 1000 CCD/mv brightness rate
- Aerospace grade aluminium body
- Compact size for convenient handling
- Real-time video display for commanding and controlling the UAV.
- 2*USB2.0/2*USB3.0/1*LAN/1*HDMI/1 *MIC-OUT/LINE-OUT/DC.

AYBARS-II



GLOBAL DEFENCE TECHNOLOGY DEVELOPER AND PROVIDER

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Head Office

Yaşamkent Mah. 3036. Cad.No:15
Çankaya/Ankara - TÜRKİYE

Factory

Malıköy Başkent OSB Mah. 19. Cad. No:65
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