

ATLAS—MV

TAMAGAWA SEIKI CO. , LTD.



1. ATLAS-MV OUTLINE

ATLAS-MV is a 2axis gyro-stabilized system with a night vision camera for maritime.

This system component is following.

- (1) GIMBAL : TA5367N1
2axis gyro-stabilized gimbal
- (2) CONTROL UNIT : TA5367N2
Gimbal control
- (3) Control Panel : TA5367N3
Man-machine interface
Auto tracker interface
- (4) CABLE



3. SPECIFICATIONS

3.1 OUTLINE · SIZE · MASS

No	NAME	SOECIFICATION		OTHERS
1	GIMBAL	SIZE	Φ 335mm × 480mm (H) LONGEST : 350mm	
		MASS	35Kg	
2	CONTROL UNIT	SIZE	355mm (W) × 250mm (H) × 400mm (D)	
		MASS	10Kg	
3	CONTROL PANEL	SIZE	290mm (W) × 290mm (H) × 130mm (D)	
		MASS	5Kg	



3.2 PERFORMANCE

No	項目	諸元	備考
1	OPEATION RANGE	PAN : $\pm 140^\circ$ TILT : $-30 \sim +10^\circ$	
2	MOTION SPEED	PAN/TILT : $45^\circ /s$ ROLL : $20^\circ /s$	
3	DRIFT	$\pm 2^\circ /s$	
4	STABILIZE ACCURACY	$\pm 0.05^\circ$	
5	MODE	STOW (STORE) /NORMAL (STABILIZE) /HORIZON STABILIZE/TRACKER	
6	POWER SUPPLY	AC100V	
7	CONSUMPTION POWER	120W (TYP) 200W (MAX)	



3.3 ENVIRONMENTAL CONDITION

No	ITEMS	SPECIFICATIONS	OTHERS
1	TEMPERATURE	OUTBOARD : -25~+50°C INNER BOARD : +5~+45°C	OPERATION
2	HIMIDITY	95%RH	
3	VIBRATION	0.8Hz 、 4.9 m/s ² 33Hz 、 1.96m/s ²	
4	SHOCK	98m/s ² 、 20ms	
5	WATER PROOF	IPX6 (OUTBOARD)	
6	WING PROOF	OPERATEION : 40m/s STORAGE : 60m/s	



■ ON BOARD SITUATION



ATLAS