

TAISU - TACTICAL ARTIFICIAL INTELLIGENT SURVEILLANCE UNIT

PRODUCT SPECIFICATIONS

Model		TAISU-Mk2	
Body Information			
Body Type		No wheel cubical cage	
Material		Steel	
Mobility		Semi-permanent	
Weight (without batteries, cage only)		45kg	
Dimensions (H*W*D) (without mono mast)		890*787*762	
Operating temperature		-10°C ~ 60°C	
Mono Mast			
Size		80 x 50 x 3mm	
Max height of mast top (from ground)		4m	
Material & Dynamics		Aluminium / Cantilever	
Build-in cables		Ethernet x 2, RG58 Low Loss Coaxial x 3, Alarm x 3, Power x 3	
Power System			
Battery type		Lithium LiFePO4	
ght Lithium 	Max number of battery packs	1 x Lithium	
	Battery per pack	12.8V/100Ah	
	Total capacity	2400 VAh	
	Estimated service time	@33W consumption: <72h (3 days)	
Solar panel 	Type	2 x Monocrystalline 9BB PERC	
	Power	2 x 100W (200W max output)	
	Overall Dimensions	1360*790*35mm	
Solar charge controller		20A MPPT	
VDC power input required (for charging batteries only)		12.8V/25A Lithium charger	
Video Management System			
Connectivity		3G/4G Wireless Modem/WiFi	
Hub		5 Port switch	
Software		Smart PSS/DMSS	
Camera Assembly			
Bullet Camera (IP66) 	Type	2x4MP T10C Duo Splicing Fixed-focal Bullet WizSense Network Camera x 2	
	Lens Type	Fixed-Focal	
	IR Illumination distance	25m	
	Max resolution	4096 (H) x 1860 (V)	
	Perimeter protection	Smart Motion Detection	
PTZ camera (IP66) 	Type	4MP 25x Starlight IR Wizsense Network PTZ (pan, tilt & zoom) Camera	
	Optical zoom	25x	
	Illumination distance	100m	
	Max resolution	2560 (H) x 1440 (V)	
	Perimeter protection	Tripwire & Intrusion	
Turret Camera (IP67) 	Type	6MP Dual Illumination Active Deterrence	
	AI SSA	Algorithms image adjustment to conditions	
	IR Illumination	30m	
	Max resolution	3200 (H) x 1800 (V)	
	Perimeter protection	SMD 4.0/IVS/Siren & Lights/Speaker & Mic	

