Solar CCTV Tower

Cube-1200S



SPECIFICATIONS

1.Specifications

1.1 Dimensions & Weight

Dimension (Transportation) ····· 1370 × 1370 × 2400 mm
Dimension (Operation) ····· 5471 × 5281 × 7384 mm
Weight ····· 1351kg / 2978lb

1.2 Environment & Appearance

System Voltage ····· DC48V
Operating Temperature ····· -20℃~60℃ / -4℉~140℉
Surface Treatment ····· Outdoor + Anti-Corrosion
Material ····· Q235 Steel
Warranty: ····· 2 years

1.3 Solar System

Solar Panel ····· 4 × 460W
Open Circuit Voltage ····· DC39.33V
Conversion Efficiency ····· 22.3%
Tilt Adjustment ····· 60º,Electric Lifting
Adjustment Installation Type ····· Fixed

1.4 Battery System

Battery Type ····· Gel Battery,Aokela
BatteryCapacity ····· 7.2 kWh(8×150Ah)
Voltage ····· DC 12V

1.5 Charging System

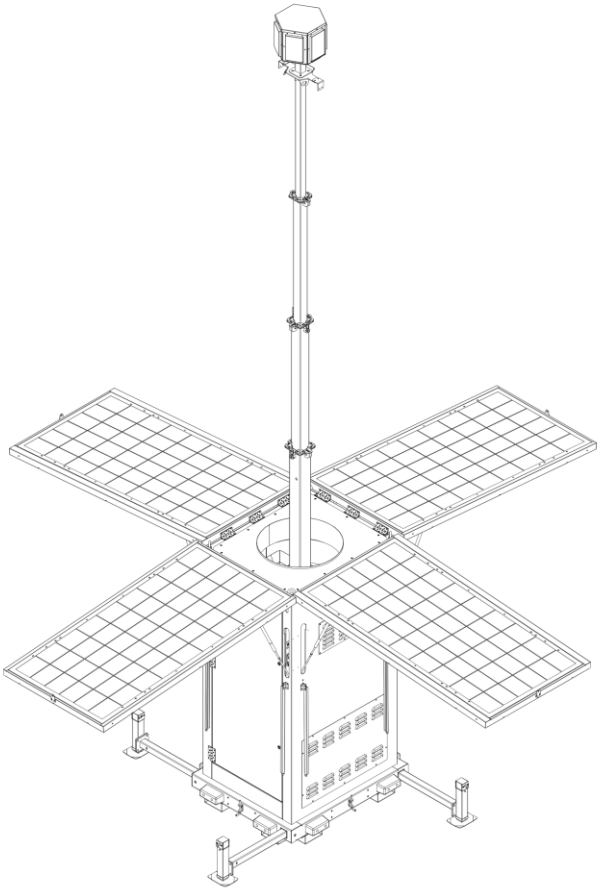
Charger Power ····· 2.5kW
Charging Frequency ····· 50Hz
Efficiency ····· 93%
Charging Socket ····· AC230V

1.6 Intelligent Control System

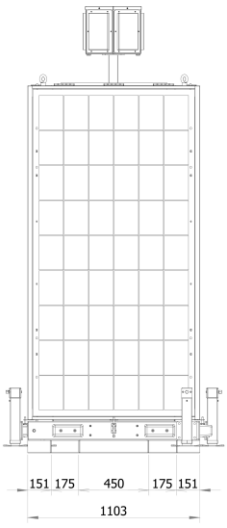
Controller Type ····· IT6415NC G3 BLE
Built-in ····· Bluetooth
Conversion Efficiency ····· 95%+
Remote ····· Optional
Over-voltage protection ····· Yes
over-current protection ····· Yes
short-circuit protection ····· Yes
Reverse connection protection ····· Yes

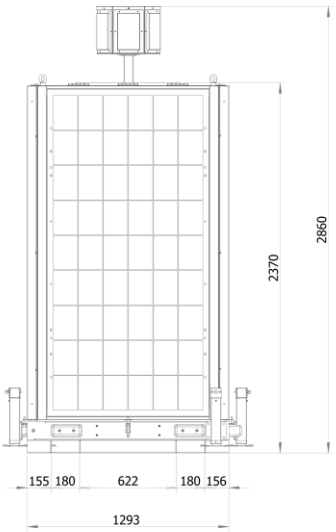
1.7 Telescopic Mast

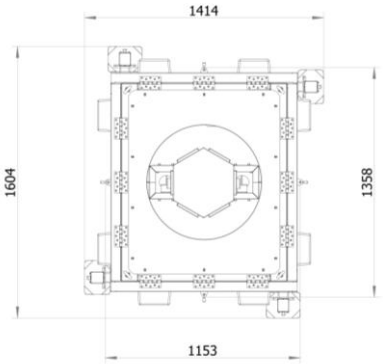
Height & Sections ····· 7m (22.97ft) / 5 sections
Material & Treatment ····· Q235 steel, galvanized
Lifting Mechanism ····· Electric Winch
Wire Rope ····· Stainless Steel 304, 5mm
Spiral Cable ····· 2×Cat5e + 14×Power Supply
Top Load ····· 5kg ~ 50kg (11lb ~ 110lb)
Wind Resistance ····· 117 km/h / 72.7 mph
Outrigger ····· 4 × Manual,Galvanized

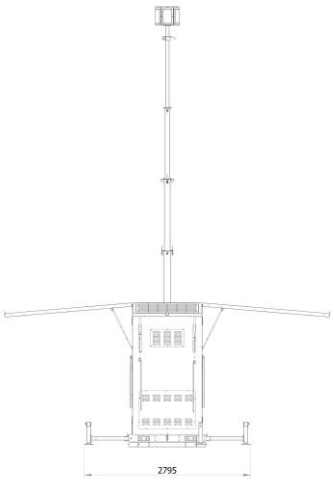


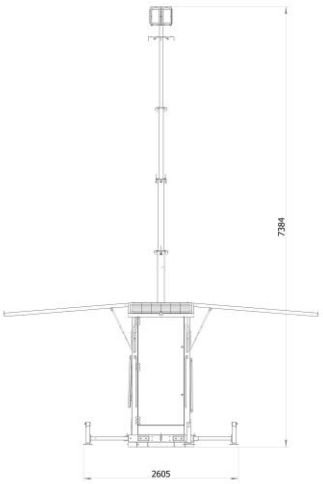
2.Dimensions

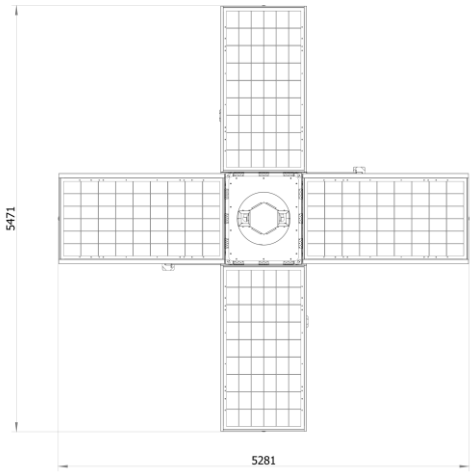












3.CCTV system (Optional)

3.1 CCTV Ready Configuration

Camera Mounting	Standard quick-release structure
DC Power Supply	Pre-wired DC 12V, 24V & 48V
Network	PoE switch (standard)
Strobe Lights	4 pcs
AC Output	450W inverter (optional)
Auxiliary Devices	Support speaker, display and other external equipment

3.2 Core CCTV Functions & Configuration

Supported Brands	Hikvision and other mainstream brands
Recommended Model	Hikvision DS-2SE4C425MWG-E/26(F0) 4MP 25× IR PTZ Camera
View	360° panoramic coverage, 25× optical zoom + 16× digital zoom
Low-light Technology	DarkFighter & ColorVu, IR distance up to 100m, white light 30m
Intelligence	Human & vehicle classification, deep learning algorithm
Video Recorder	Hikvision NVR DS-7608NXI-K1 (optional)
Network	4G Router USR-G806s-G (optional)
Speaker	T-720AP 30W IP55 (optional)
Display	G0816 (optional)





