Solar CCTV Tower

UST-300S



SPECIFICATIONS

1.Specifications

Brand……UNIV
Name…… Solar CCTV Tower
Model ……UST-300S
Material……Steel Q235
Powder …… Outdoor + Anti-Corrosion
Dimension (Transportation) ……1340 × 1048 × 1780 mm
Dimension (Traveling) ……2673 × 1767 × 2884 mm
Dimension (Operation) ……3834 × 2714 × 7408 mm
Weight …… 784kg / 1728lb
System Voltage …… DC24V
Work Temperature ……-20℃~60℃ / -4℉~140℉
Warranty:…… 2 years

CCTV system

Power Supply……DC12V,24V,48V
PoE Switch ……Yes
Strobe lights……4 pcs
450W Inverter……Optional
CCTV Camera…… Optional in Page 3

Solar Panels

Solar Panel……1 × 440W
Open Circuit Voltage……DC39.33V
Efficiency…… 22.3%
Angle…… 10º-45º,Manual Lifting

Control System

Solar Controller…… EPEVER XTRA4415N G3 BLE
Efficiency…… 95%+
Protection ……Yes
Remote ……Optional

LFP Battery

Battery …… 1
……× 230Ah
Voltage ……DC25.6V
Capacity……5.89kW • h
BMS ……Yes
Heater……Yes
Life…… Cycle 4000 at 95% DOD,25℃

Charger system

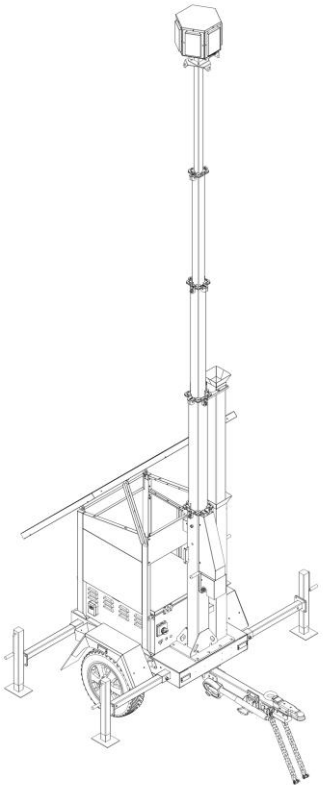
Battery Charger …… 2.5kW
Charging Current ……100A
Efficiency……93%
Socket ……AC230V

Telescopic Mast

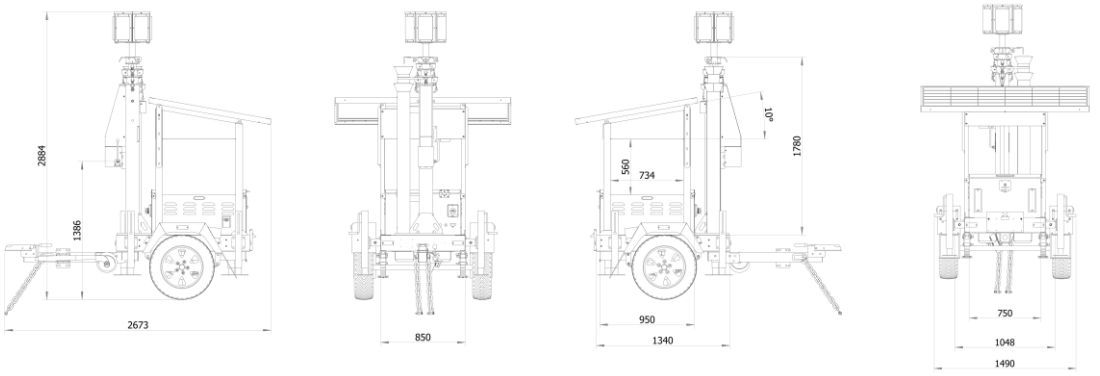
Material……Steel Q235,Galvanized
Type ……Square,Telescopic
Height ……7m / 22.97ft
Section…… 5
Wire Rope …… Stainless Steel 304,5mm
Spiral Cable ……2 × Cat5e + 14 × Power Supply
Lifting Method……Manual Winch
Recommended Loading……5kg ~ 50kg / 11lb ~ 110lb
Windproof ……117kph / 72.7mph

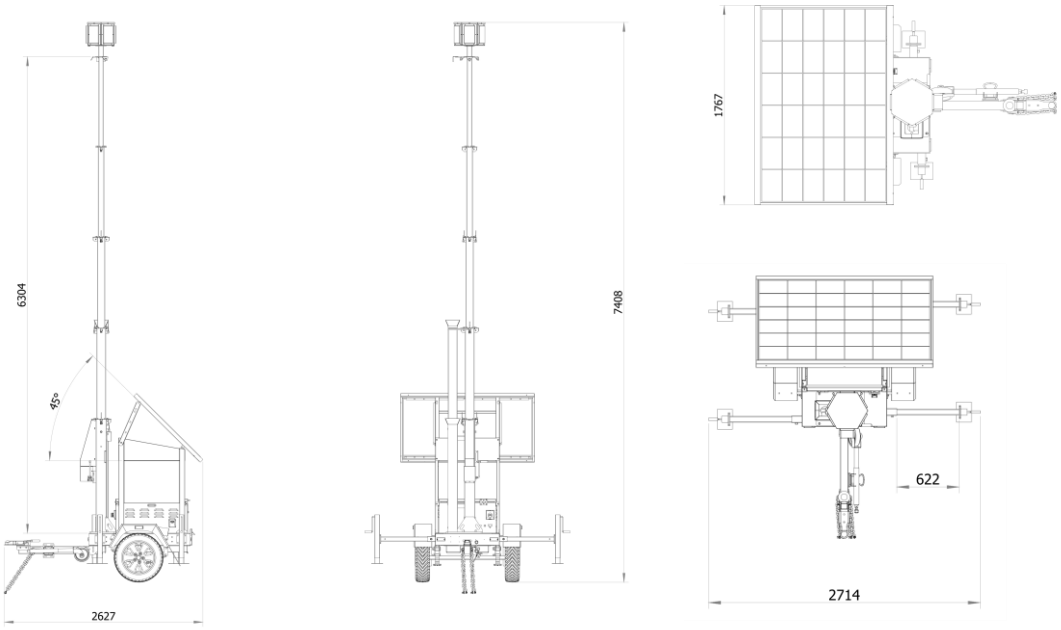
Trailer

Trailer Standard …… US / AU / EU
Trailer Light…… US / AU / EU
Tow Hitch ……50mm / 2" Ball Type
Jockey Wheel…… 200mm / 8"
Axle…… Single,Suspension,Electric Brake
Tire…… 14 inch
Outrigger …… 4 × Manual,Galvanized
Bubble level ……4 pcs
Wheel Chock……2 pcs
Forklift Pocket……Yes
Lifting Ring……4 pcs



2.Diemensions





3.CCTV system (Optional)

Camera

Hikvision DS-2SE4C425MWG-E/26(F0) 4 MP 25 × IR Network Speed Dome adopts 1/2.8" progressive scan CMOS chip. With the 25 × optical zoom lens, the camera offers more details over expansive areas. This series of cameras can be widely used for wide ranges of high-definition, such as rivers, roads, railways, airports, squares, parks, scenic spots, and venues, etc.



- Captures a large area and great details at the same time
- High quality panoramic imaging with 6 MP resolution and details imaging with 4 MP
- Excellent low-light performance with powered-by-DarkFighter technology and ColorVu technology
- Secures an expansive area with 25× optical zoom and 16×digital zoom
- Expansive night view with up to 100 m IR distance ＆ 30 m white light
- Supports 12V DC ＆ PoE+Focuses on human and vehicle targets classification based on deep learning

NVR (DS-7608NXI-K1)



- Up to 8-ch IP camera inputs
- H.265+/H.265/H.264+/H.264 video formats
- Up to 1-ch@12 MP or 2-ch@8 MP or 4-ch@4 MP or 8-ch@1080p decoding capacity
- Up to 80 Mbps incoming bandwidth
- Adopt Hikvision Acusense technology to minimize manual effort and security costs

4G Router (USR-G806s-G)



- Dimension: 90*84*25mm
- Ethernet Ports: 1*WAN/LAN(Configurable)+1*LAN
- WiFi: IEEE 802.11 b/g/n, 1*RP-SMA-K antenna connector
- Power Supply: 2-pin terminal block & DC socket redundancy
- SIM Card: Mini SIM(2FF)
- Installation: Wall Mounting & DIN Rail Mounting Available

Spearker(T-720AP)

Model	**T-720AP**
Rated Power	30W
Power Input	DC 12V
IP Rate	IP55
Dimensions	282 x 210 x 290mm
Weight	2.1Kg



Display

Model	**G0816**
Resolution	1024*768
Aspect ratio	16:9
Refresh rate	60-70Hz
Dimensions	218.6 x 148 x 36mm
Weight	2.1Kg
Operating temperature	-10-60℃

