



Data Sheet

Base System:

Brand:	UNIV
Name:	Solar CCTV Tower
Model:	UST-1200
Material:	Steel Q235
Powder:	Outdoor Type
Dimension:	Length×Width×Height
Transport:	2300×2200×2200 (mm) 7.5×7.2×7 (ft)
Operate:	3200×4400×7000 (mm) 10.5×14.4×23 (ft)
Weight:	1600kg / 3527lb
System Voltage:	DC48V
Work Temperature:	-35°C~50°C / -31°F~122°F

Picture:



Solar System:

Solar Panel:	4 × 455W Monocrystalline Silicon 72pcs
Voltage:	DC49V
Charging Time:	9 hours

Battery System:

GEL:	8 × 200Ah Free-main Deep-cycle
Voltage:	DC12V
Series & Parallel:	4 in series, then parallel
Power Capacity:	19200W·h

CCTV System:

PTZ:	2 × 4MP 25× Optical,16× Digital 100m IR Night Vision
NVR:	4TB,4ch 32.5 days(126GB/day)
Monitor:	22"
Loudspeaker:	Two-ways
Router:	4G & Wi-Fi 500m
LED:	4 × 50W
Power Consumption:	186W
Running Time:	3.4 Days

Control System:

Solar Controller:	MPPT 60A
Efficiency:	95%+
Detection & Protection:	Short-Circuit Overload High Voltage High Temperature
Timer:	Dusk & Dawn
Whole Machine:	Battery Isolator Each Device on-off Mast up-down

Mast System:

Body:	Steel Q235 Galvanized
Fastener:	Stainless Steel 304
Wire Rope:	Stainless Steel 316 4mm
Type:	Square Telescopic
Height:	6.5m / 21.3ft
Section:	5
Spring Cable:	4 × Cat6e + 1 × Power Supply
Lifting Method:	Electric Winch
Recommended Loading:	5kg ~ 70kg / 11lb ~ 154lb
Windproof:	117km/h / 73mph

Trailer System:

Standard:	US / AU / EU
Tow Hitch:	50mm / 2" Ball Type
Trailer Light:	7 Pin
Jockey Wheel:	200mm / 8"
Axle:	Single Suspension Bump Brake
Tire:	2 × 215/70R15C
Wheel Chock:	2
Forklift Hole:	2
Lifting Ring:	4
Outrigger:	4 × Manual Galvanized
Warranty:	2 years

Accessories:

Operation Manual	Parts Manual
Controller Manual	Allen Wrench
Hex Wrench	

Certification:

ISO9001	ISO14001
CE	UL
SAA	COC