



B2B SMART POLE CATALOGUE · 2026 EDITION

# FUTURE LIVING 2026

*The Moon, On Demand.*

SOLARTODO · JIANGSU · EST 2014



WIND POWER



SOLAR POWER



LED LIGHTING



SMART CAMERA



WIRELESS NETWORK



EV CHARGER



# C O N T E N T S

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*Engineered for the harshest places on Earth — and a few above it.*





## ABOUT SOLARTODO

# Smart poles for smarter cities.

Founded 2014 in Jiangsu. SOLARTODO designs and manufactures intelligent smart poles for harsh environments — coastlines, islands, deserts, plateaus, oilfields and where the grid cannot reach.

Six product series. 70+ functional modules. Five price tiers from Entry to Custom. One platform, infinite configurations.

Vertical integration: in-house steel pole foundry, mono-crystalline silicon line, CIGS thin-film lab, LED driver factory and edge-AI firmware team — all under one roof in Jiangsu, China.

B2B only. FOB Shanghai. MOQ negotiable. ISO 9001 / 14001 / 45001 certified.



### MANUFACTURING

Q235B/Q345B steel poles · 80µm hot-dip galvanised · LiFePO4 battery line · CIGS thin-film R&D



### ENGINEERING

12 mechanical engineers · 8 electrical · 6 firmware · in-house EMC chamber



### GLOBAL LOGISTICS

FOB Shanghai · DDP optional · CE / FCC / IEC 62133 / IK10 / IP66 certified



### SUPPORT

24/7 multi-language · 8 EU/MEA/APAC field engineers · 5-year warranty



### ROADMAP 2027

Drone landing pads · Air-water harvesting · 5G-A · neuromorphic edge AI

2014

FOUNDED

350+

EMPLOYEES

60+

COUNTRIES SHIPPED

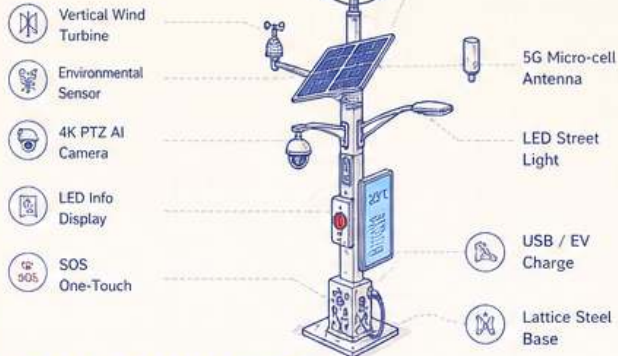
30,000 m<sup>2</sup>

FACTORY AREA

# SIX SMART POLE SERIES

One pole platform. Six form-factors. Endless possibilities.

## 01 · COASTAL & OFF-GRID

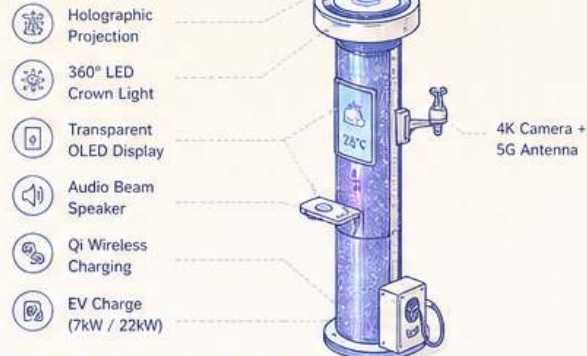


### Wind + Solar Hybrid Smart Pole

Off-grid 10-in-1 smart pole · LED + camera + 5G + sensors + EV + SOS · 50 m/s typhoon survival.

USD 850 – 50,000+

## 02 · ARCHITECTURAL CIGS



### Pole-as-Photovoltaic Smart Pole

CIGS thin-film body · transparent display + holographic crown + EV + audio beam + 5G.

USD 750 – 80,000+

## 03 · FAMILY & CHILDREN IP



### 10 Animal Smart Poles

AI talking + AR stories + screen + camera + SOS · EN 1176 child-safe.

USD 1,500 – 60,000+

## 04 · SKY HUB · DRONE-IN-A-POLE

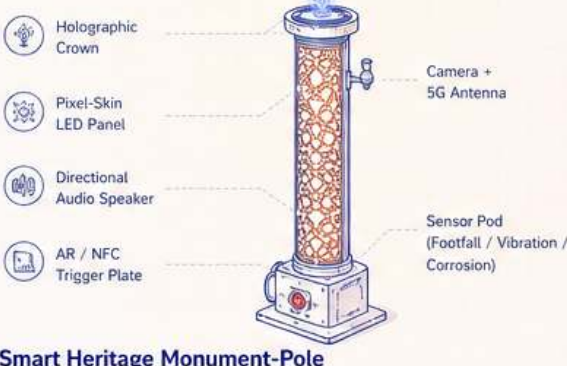


### Smart Pole + Drone Dock

LED + camera + 5G + RTK + edge AI · drone landing pad as upgrade module.

USD 12,000 – 500,000+

## 05 · ICONIC & HERITAGE LANDMARK

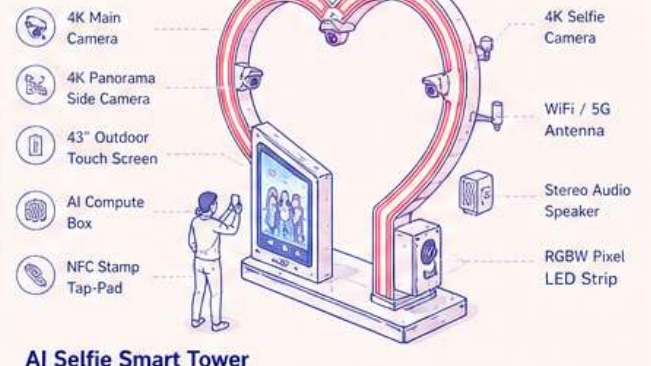


### Smart Heritage Monument-Pole

Pixel skin + holo crown + AR/NFC + audio + camera · cultural design library.

USD 2,500 – 2,000,000+

## 06 · SELFIE TOWER



### AI Selfie Smart Tower

Triple 4K cam + AI photographer + 43" screen + NFC stamps · 15 photo plays.

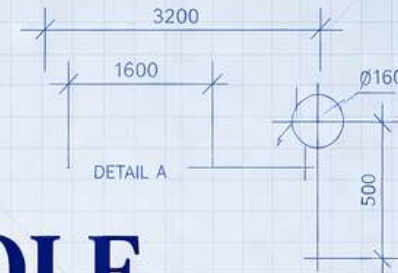
USD 3,000 – 2,000,000+

All six series share the same 70+ module library — pick any combination.

DETAIL B



MODULE LIBRARY · ANY POLE × ANY COMBINATION



# BUILD YOUR OWN SMART POLE

70+ functional modules across six natural capability categories. Pick any combination.



## LIGHTING

8 options

- 30W LED
- 60W LED
- 100W LED
- 150W LED
- 200W LED
- 300W LED
- RGBW colour-mix
- 360° crown ring



## SENSING

22 options

- 4K AI camera
- 8K PTZ camera
- 60GHz mmWave radar
- LiDAR
- IR thermal cam
- Weather station
- Air quality (PM2.5/AQI)
- Noise meter
- +14 more



## CONNECTING

12 options

- WiFi 6
- WiFi 7
- 4G LTE
- 5G NSA
- 5G SA
- NB-IoT
- LoRa
- Zigbee
- +4 more



## CHARGING

9 options

- USB-C PD 18W
- Qi wireless 15W
- 7kW EV AC
- 22kW EV AC
- DJI Dock contact pad
- Drone wireless 100-1000W
- V2G two-way
- H<sub>2</sub> backup cell
- +1 more



## DISPLAYING

11 options

- P2.5 LED screen
- P4 LED
- P5 LED
- 32" Touch IPS
- 43" Touch IPS
- 55" Touch IPS
- 75" Touch IPS
- Transparent OLED
- +3 more



## AI & SAFETY

24 options

- Edge AI 8 TOPS
- Edge AI 40 TOPS
- Edge AI 275 TOPS
- Bullying detection
- Fall alert
- Lost-child mesh tracking
- Anti-drone defence
- Air-water harvesting
- +16 more



ALL 70+ MODULES ARE FIELD-SELECTABLE · CUSTOM COMBINATIONS ON REQUEST.

[solartodo.com](http://solartodo.com)

Email: [cinn@solartodo.com](mailto:cinn@solartodo.com)



01 · WIND+SOLAR HYBRID SMART STREETLIGHT

# SMART POLE SYSTEM ARCHITECTURE

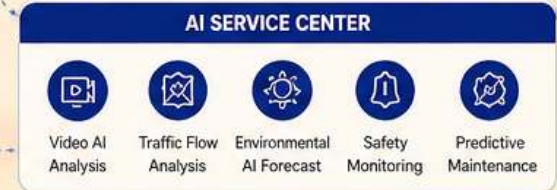
Connecting Infrastructure, Cloud and Services for Smarter Cities

- Wind + Solar Hybrid**  
Vertical-axis turbine 300W-7kW + mono-Si solar 100W-1000W
- HD AI Camera**  
4K HD video monitoring with edge AI analysis and real-time alerts
- Motion Radar**  
24GHz mmWave detection · presence + speed + direction
- All-Weather Station**  
Temperature · humidity · AQI · wind speed · noise · UV · 8-in-1
- Satellite Connection**  
Starlink / BeiDou backup when grid and 5G fail
- 10-Day Battery**  
LiFePO4 50-600Ah · 3-10 days autonomy in cloudy weather
- Emergency SOS**  
One-touch alarm · two-way intercom to security desk
- Lightning Protection**  
Class B+C surge arrester · 50kA grounding · 50-55 m/s typhoon survival



CLoud PLATFORM

Data Storage | Device Management | Service Integration | AI Analytics



5G / 4G / Fibre · BeiDou / Starlink Backup · Edge AI 8-275 TOPS

[solartodo.com](http://solartodo.com) · Email: [cinn@solartodo.com](mailto:cinn@solartodo.com)



01 · WIND+SOLAR HYBRID SMART STREETLIGHT

# SPECIFICATIONS & PARAMETERS

Wind 300W-7kW · Solar 100W-1000W · LiFePO4 50-600Ah · 6m to 16m · 70+ modules · CE / IEC 61400-2 / IK10 / IP66

COMPLETE SPECIFICATIONS · ALL OPTIONS AVAILABLE

PARAMETER	AVAILABLE OPTIONS
01 Pole height	6 / 8 / 10 / 12 / 14 / 16 m
02 Pole material	Q235B · Q345B hot-dip galvanised 80µm + outdoor polyester powder
03 Pole form-factor	8-sided cone · round cone · lattice truss · twin-arm
04 Mono-Si solar	100 / 200 / 300 / 400 / 500 / 600 / 800 / 1000 W
05 Panel layout	single fixed · twin symmetric · quad-fold · adjustable tilt 0-60°
06 Wind turbine power	300W / 500W / 1kW / 2kW / 3kW / 5kW / 7kW
07 Wind turbine type	Savonius · Darrieus · Maglev Giromill · hybrid twin-blade
08 Cut-in wind speed	1.5 / 2.0 / 2.5 / 3.0 m/s
09 Rated / survival wind	8-12 m/s rated · 50-55 m/s survival
10 Battery chemistry	LiFePO4 (preferred) · NCM · lead-acid (low-tier only)
11 Battery voltage	12V / 24V / 48V / 96V
12 Battery capacity	50 / 80 / 100 / 150 / 200 / 300 / 400 / 600 Ah
13 Cycle life	3,000 / 5,000 / 8,000 cycles @ 80% DoD
14 Battery placement	pole-base IP67 · buried IP68 · top-cabin
15 LED power	30 / 60 / 100 / 150 / 200 / 250 / 300 W
16 Colour temperature	3000K / 4000K / 5000K / 6500K · RGB · CRI Ra ≥ 70/80/90
17 Luminous efficacy	130 / 150 / 170 / 200 lm/W
18 IP / IK rating	IP65 / IP66 / IP67 · IK08 / IK09 / IK10
19 Controller	Wind+Solar MPPT >98% · auto 12/24/48V detect
20 Smart control	time · light · radar · NB-IoT · 4G · LoRa · Zigbee
21 Backup autonomy	3 / 5 / 7 / 10 cloudy days
22 Certification	CE · RoHS · IEC 62133 · IEC 61400-2 · IK10 · IP66

8 SIGNATURE FEATURES · 70+ OPTIONAL MODULES

Wind + Solar Hybrid

HD AI Camera

Motion Radar

All-Weather Station

Satellite Connection

10-Day Battery

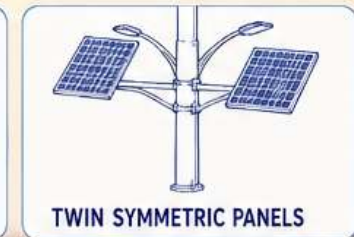
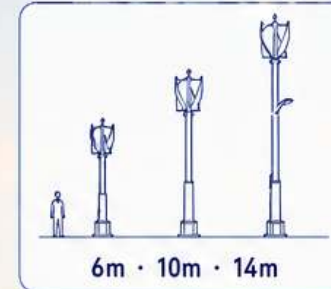
Emergency SOS

Lightning Protection

+ 70 more modules across Vision · Radar · Environment · Connectivity · Display · Charging · Edge AI · Security categories. See Module Library page.

Any combination of parameters and modules above can be matched into a single quote.  
A one-time design fee applies for fully bespoke forms.

POLE OPTIONS · 6 HEIGHTS · 4 WIND TURBINE STYLES



Want a configuration not listed? we configure to spec from a single pole upwards.

[solartodo.com](http://solartodo.com) · Email: [cinn@solartodo.com](mailto:cinn@solartodo.com)



01 · WIND+SOLAR HYBRID SMART STREETLIGHT

# SMART POLE MOBILE APP OPERATION

Control Everything. Anytime. Anywhere.



## Smart Lighting

Adjust brightness, scheduling and energy usage



## Environmental Monitoring

Real-time data on air quality, temperature, humidity and more



## AI Camera Monitoring

Live view, playback and AI event alerts



## EV Charging Management

Check status, start / stop and view charging history



## AI Analytics Dashboard

Traffic flow, people counting, energy analysis and insights



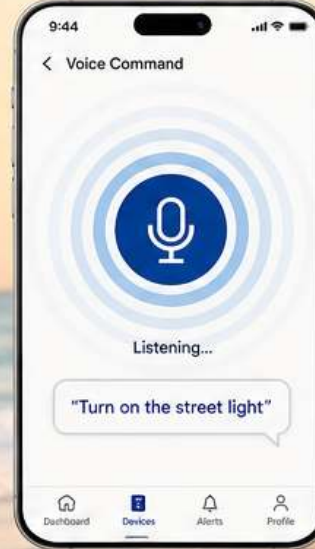
## Voice Command Control

Hands-free control with voice assistant



## Smart Pole App

Your all-in-one smart city assistant



iOS 16+ · Android 10+ · Multi-language: EN/ES/FR/AR/PT/RU/KO/JA



01 · WIND+SOLAR HYBRID SMART STREETLIGHT

# WHERE THE GRID CANNOT REACH

Engineered for the harshest off-grid environments on Earth.



## RED SEA COASTLINE

- Project: NEOM coastal lighting (Saudi Arabia)
- Quantity: 240 poles · 12m · 3kW wind · 800W solar
- Conditions: 50°C heat · 40 m/s storm gusts · salt spray IP66
- Result: 99.7% uptime over 18 months · zero grid



## GObI DESERT OILFIELD

- Project: Tarim Basin SCADA telemetry (Xinjiang)
- Quantity: 120 poles · 14m · 5kW wind · 1kW solar
- Conditions: -30°C winter · sandstorm · methane sensors integrated
- Result: replaced diesel · saved 480 t CO<sub>2</sub>/year



## REMOTE ISLAND COMMUNITY

- Project: Maluku islands telemedicine link (Indonesia)
- Quantity: 48 poles · 10m · 1kW wind · 400W solar
- Conditions: monsoon · no grid · 200 km from cell tower
- Result: Starlink uplink · enabled 24/7 emergency calls · school WiFi



## HIGH-ALTITUDE PLATEAU

- Project: Ngari border road safety (Tibet 4500m)
- Quantity: 86 poles · 12m · 3kW wind · 600W solar
- Conditions: -40°C / UV index 14 / thin air
- Result: hybrid maintained 98% uptime through winter

From sandstorm to typhoon — pick a Coastal pole that survives your environment.




01 · WIND+SOLAR HYBRID SMART STREETLIGHT

# PRICING LADDER & INQUIRY

Five tiers from Entry to Custom · FOB Shanghai · MOQ negotiable

PRICING LADDER · USD · FOB SHANGHAI

 <b>ENTRY</b>	8m pole · 200W solar · 600W wind turbine · 100Ah/24V LiFePO4 · 60W LED · basic time/light controller.	<b>USD 850 - 1,150</b>
 <b>STANDARD</b>	10m · 400W solar · 1kW wind · 200Ah/24V · 100W LED · MPPT smart controller · NB-IoT	<b>USD 1,500 - 2,200</b>
 <b>PREMIUM</b>	12m · 800W solar · 3kW wind · 400Ah/48V · 200W LED · 4-in-1 sensor · 4G + camera	<b>USD 3,500 - 5,500</b>
 <b>SIGNATURE</b>	14m · 1kW solar · 5kW wind · 600Ah/48V · 300W LED · 8-in-1 modules · 5G · edge AI · SOS	<b>USD 8,000 - 15,000</b>
 <b>CUSTOM</b>	Polar-grade · marine-grade · oilfield SCADA integration · satellite uplink · custom branding · design & tooling fee.	<b>USD 50,000 +</b>

Prices reflect typical configurations · final price subject to spec, MOQ, lead-time and shipping · custom tier by inquiry only.

INQUIRY · FOB SHANGHAI



## B2B Inquiry

Coastal Series · global response within 24 hours




Email: [cinn@solartodo.com](mailto:cinn@solartodo.com)



[solartodo.com](http://solartodo.com)

RECENT COASTAL DEPLOYMENTS

-  NEOM coastal — Saudi Arabia · 240 poles · 2025-2026
-  Tarim Basin — Xinjiang China · 120 poles · 2024-2025
-  Maluku islands — Indonesia · 48 poles · 2025
-  Ngari plateau — Tibet · 86 poles · 2024



Subject to spec & MOQ. Custom tier by inquiry only.

# DESIGN GALLERY · 8 STYLES

Eight different forms of the same Wind+Solar Hybrid Smart Streetlight platform — pick the closest to your project, we configure to spec.



**6m Square Compact**

6m · 600W wind · 200W solar · 10 modules  
Rural / island premium streets

1 / 8



**8m Octagonal Standard**

8m · 1kW wind · 400W solar · 10 modules  
Urban coastal boulevard

2 / 8



**10m Tapered Round**

10m · 1kW wind · 800W solar · 10 modules  
Plateau / mountain pass

3 / 8



**12m Heavy Octagonal**

12m · 3kW wind · 600W solar · 10 modules  
Heavy industrial / oilfield

4 / 8



**14m Signature Smart**

14m · 5kW wind · 1kW solar · 10 modules + signature trim  
Smart-city signature route

5 / 8



**16m Lattice Tower**

16m · 7kW wind · 1000W solar · 10 modules  
Maximum off-grid power

6 / 8



**12m Y-Fork Twin-Head**

12m · 3kW wind · 800W solar · 10 modules  
Coastal highway / port road

7 / 8



**10m Polar Sealed**

10m · 800W cold-spec · -40°C sealed · 10 modules  
Polar / subarctic site

8 / 8

**TYPICAL MODULES ON ANY OF THE 8 STYLES**

Vertical-axis wind turbine · Mono-Si solar panel · LiFePO4 battery · MPPT controller · LED street-light head · 4K HD AI camera · 60GHz mmWave radar  
8-in-1 weather station · Starlink / BeiDou satellite uplink · One-touch SOS button · Class B+C lightning surge arrester · USB-C charging port · IP65 speaker



# POLE-AS-PHOTOVOLTAIC SYSTEM

The pole IS the panel. CIGS thin film 360° wrapped on aluminium / FRP cylinder.

## 02 · CIGS SMART LANDSCAPE LIGHT



### 1. 360° Solar Pillar

CIGS thin film 360° wrapped · 120–840W per section · 30% better in low light



### 2. Transparent Display

OLED transparent panels embedded in pole body · brand messages, real-time info



### 3. Aerial Hologram

Rotating LED holographic crown · 360° volumetric ad / wayfinding



### 4. Touch Screen

32–75 inch outdoor IPS · concierge / wayfinding / advertising



### 5. Targeted Audio

Beam-forming speakers · audible only inside 1m cone · zero noise pollution



### 6. Wireless Charging

Qi 15W shelf at standing height · contactless and weatherproof



### 7. EV Charge Point

7kW or 22kW socket integrated at pole base



### 8. Modular Power Sections

Stack 240W / 560W / 840W / 8kW microgrid



CIGS CLOUD PLATFORM

### CIGS CLOUD PLATFORM DASHBOARD

**CIGS Poles**

Total	Online	Offline
318	312	6

**Power Generation Today**

4.8 MWh

**360° Wrap Sections**

Section Status	S1	S2	S3	S4
Pole 101	●	●	●	●
Pole 102	●	●	●	●
Pole 103	●	●	●	●
Pole 104	●	●	●	●

**Display Manager**

86 active messages pushed today

**Audio Beam Calibration**

14 poles re-aimed this week

### A MOBILE APP

**Pillar Section Control**  
4 sections all generating output 462W

**Transparent Display**  
push branded message 'WELCOME TO PALACE HOTEL'

**EV Socket**  
22kW / Available tap to start

---

### B AI SERVICE CENTER

Section AI Forecast   Pixel Display Manager   Hologram Content CDN   Audio Beam Calibration   Predictive Maintenance

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### C VOICE COMMAND

Show today's marketing message

---

### D CITY DATA CENTER

Heritage District  
Public Realm  
Branding Network  
Smart City Integration

5G / WiFi 6 · Heritage-grade aluminium · CIGS 25-year warranty

[solartodo.com](http://solartodo.com) · Email: [cinn@solartodo.com](mailto:cinn@solartodo.com)



# SPECIFICATIONS & PARAMETERS

CIGS thin-film 120–280W per section · 6 SKU diameters · multi-section stacking up to 8.4kW · 25-year warranty

## 02 · CIGS SMART LANDSCAPE LIGHT

### CIGS MODULE RANGE · 6 DIAMETERS

	DIAMETER	POWER	DAILY YIELD	SIZE H×W×T	PIECES	POLE FIT	SYSTEM
01	Φ180mm	120W	180–220 Wh	1330×570×1.0–1.5mm	single-piece	<165mm	18V / 12V MPPT
02	Φ200mm	120W	180–220 Wh	1330×633×1.0–1.5mm	single-piece	<185mm	18V / 12V MPPT
03	Φ200mm	140W	200–240 Wh	1330×633×1.0–1.5mm	single-piece	<185mm	18V / 12V MPPT
04	Φ250mm	160W	270–300 Wh	1330×790×1.0–1.5mm	single-piece	<235mm	18V / 12V MPPT
05	Φ315mm	200W	330–370 Wh	1330×994×1.0–1.5mm	single-piece	<300mm	18V / 12V MPPT
06	Φ400mm	280W	450–480 Wh	1330×1261×1.0–1.5mm	2-piece bond	<385mm	18V / 12V MPPT

All SKUs · 25-year warranty · 0.5%/year linear degradation · -0.27%/°C temperature coefficient · 30cm bend radius · 360° generation

### POLE · BATTERY · LED · MODULES

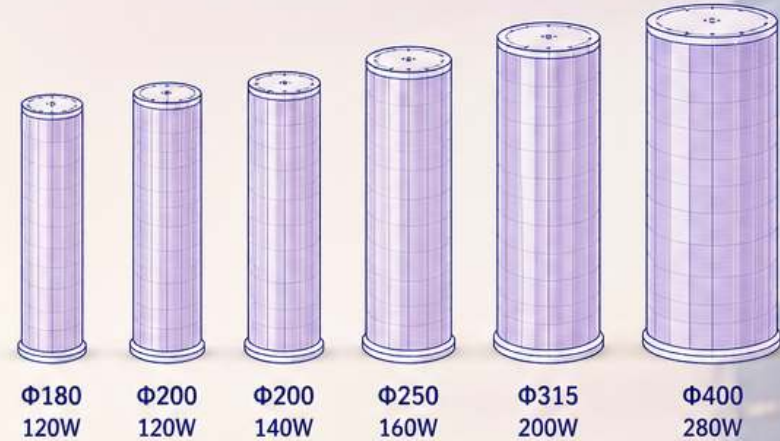
01	Pole height	3 / 4 / 6 / 8 / 10 / 12 m
02	Pole diameter	Φ140 / Φ180 / Φ220 / Φ280 / Φ315 / Φ400
03	Pole material	Anodised aluminium · FRP fibreglass · 304 stainless
04	Surface finish	Anodised matte · brushed · sandblasted · clear coat · custom RAL
05	Multi-section stacking	Single 120–280W · double 240–560W · triple 360–840W · multi-pole microgrid 1.4–8.4kW
06	Battery voltage	12V / 24V / 48V
07	Battery capacity	60 / 100 / 200 / 300 / 400 Ah LiFePO4
08	LED power	40 / 60 / 100 / 150 / 200 W
09	LED form	360° crown ring · slim side wing · concealed inner band · twin-symmetric
10	Backup autonomy	8–12 hours continuous · 3–7 cloudy days
11	IP / IK rating	IP66 · IK09
12	Pole colour	matte black · champagne gold · silver · custom RAL
13	Modules	70+ optional · CIGS exclusives: transparent OLED skin · holographic crown · directional audio · AR trigger
14	Communication	4G LTE · 5G Sub-6 · WiFi 6 · NB-IoT · BeiDou
15	Operating temperature	-30°C ~ +55°C
16	Certification	CE · IEC 61646 (thin film) · TÜV · ISO 9001

### 8 SIGNATURE FEATURES · 70+ OPTIONAL MODULES

- 360° Solar Pillar
- Transparent Display
- Aerial Hologram
- Touch Screen
- Targeted Audio
- Wireless Charging
- EV Charge Point
- Modular Power Sections

+ exclusives across Display · Audio · Charging · AI categories. See Module Library page.

### 6 SIZES · ACTUAL-SCALE COMPARISON



Custom diameters Φ140 to Φ400 available · seasonal pole-skin re-wrap on subscription



02 · CIGS SMART LANDSCAPE LIGHT

# POLE-AS-PHOTOVOLTAIC APP

Manage every pillar · push every message · charge every car.



## Section Power Monitoring

Real-time output of each CIGS section · daily/weekly/monthly trends



## Transparent Display Manager

Push branded messages and emergency alerts to OLED panels



## Hologram Content CMS

Schedule and rotate volumetric ads on holographic crown



## Targeted Audio Console

Aim audio beam · adjust angle/power/content per pole



## EV Charging Management

22kW fast-charge support · charging history · billing integration

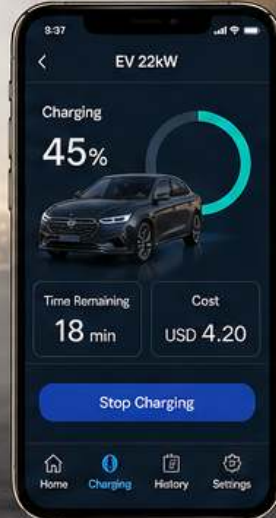


## Voice Command Control

Hands-free pole settings



## Smart Pole App



iOS 16+ · Android 10+ · Multi-language EN/ES/FR/AR/PT/RU/KO/JA

[solartodo.com](http://solartodo.com) Email: [cinn@solartodo.com](mailto:cinn@solartodo.com)





02 · CIGS SMART LANDSCAPE LIGHT

# WHERE THE POLE BECOMES THE FAÇADE

Heritage districts · five-star hotels · airports · CBDs — pole as architectural element.

## DUBAI BUSINESS DISTRICT

- Project: Downtown CBD pedestrian lighting (UAE)
- Quantity: 86 poles · 6m · Φ200 · 280W per pole
- Finish: matte champagne gold · custom RAL
- Result: replaced bollards · zero grid trenching · branded messages

## FIVE-STAR RESORT BEACH WALK

- Project: Maldives resort property
- Quantity: 24 poles · 4m · solar-only off-grid
- Features: audio beam guides guests · NRE custom RAL finish
- Result: zero light pollution · marine-grade IP66

## HISTORIC EUROPEAN PIAZZA

- Project: Italian heritage district pilot
- Quantity: 18 poles · 8m · matte black anodised
- Features: transparent OLED displays · local event info
- Result: zero visual impact (look like bronze statues)

## AIRPORT TERMINAL FORECOURT

- Project: Singapore Changi T5 forecourt
- Quantity: 64 poles · 10m · 22kW EV at base
- Features: holographic wayfinding · noise-free targeted audio
- Result: zero pavement disruption · contactless charging

*CIGS pole = photovoltaic pole + branding pole + EV pole — three poles in one.*

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## 02 · CIGS SMART LANDSCAPE LIGHT

# PRICING LADDER & INQUIRY

Five tiers from Entry to Custom · FOB Shanghai · MOQ negotiable

### PRICING LADDER · USD · FOB SHANGHAI

<b>01</b> ENTRY		4m · 100W CIGS · 60W LED · 60Ah · matte aluminium	<b>USD 750 – 1,100</b>
<b>02</b> STANDARD		8m · 300W CIGS · 100W LED · 200Ah · 4G · matte champagne	<b>USD 1,800 – 2,800</b>
<b>03</b> PREMIUM		10m · 500W CIGS · 150W LED · 300Ah/48V · 4-in-1 sensors · transparent OLED	<b>USD 3,500 – 5,500</b>
<b>04</b> SIGNATURE		12m · 800W CIGS · all 70+ modules · custom RAL · holographic crown	<b>USD 7,000 – 12,000</b>
<b>05</b> CUSTOM		Holographic content commissioning · transparent OLED · seasonal pole-skin re-wrap · airport-grade	<b>USD 80,000 +</b>

### REFERENCE PROJECTS



Dubai CBD — UAE  
86 poles · 2025



Maldives resort  
24 poles · 2025



Florence heritage  
district — Italy  
18 poles · 2024



Singapore Changi  
T5 forecourt  
64 poles · 2026



All CIGS poles certified IEC 61646 thin-film · CE · TÜV.



02 · CIGS SMART LANDSCAPE LIGHT

# DESIGN GALLERY · 8 SKU VARIANTS

Eight CIGS thin-film cylinder configurations — pick the closest SKU.



**Φ180 · 4m · 120W · entry**  
Boutique street / residential lane 1 / 8



**Φ200 · 6m · 140W · hospitality**  
Five-star hotel forecourt 2 / 8



**Φ250 · 8m · 160W · standard urban**  
Heritage piazza / cultural district 3 / 8



**Φ250 · 8m · 160W · transport hub · 22kW EV**  
Airport forecourt / transport hub 4 / 8



**Φ315 · 10m · 400W · premium · double-stack**  
City landmark / luxury district 5 / 8



**Φ250 · 8m · 160W · street · cantilever arm**  
Smart-city street / urban road 6 / 8



**Φ400 · 12m · 840W · high-power · triple-stack**  
Architectural / high-power off-grid site 7 / 8



**Φ140 · 3m · 100W · brand · custom-skin**  
Brand activation / festival promenade 8 / 8

ALL CIGS POLES SHARE THE SAME OPTIONAL MODULE LIBRARY

360° CIGS thin-film 120–840W · 3 head types (360° crown ring / minimalist side-wing arm / hidden flush ring band) · transparent OLED display · top-crown holographic disc · directional beam-forming speaker · Qi 15W wireless-charge tray · 22 kW EV charge socket · multi-section stacking 1x120W → 3x280W = 840W · 4K camera + 5G antenna · NFC AR trigger · custom RAL pole-skin re-wrap

# ANIMAL CHARACTERS WITH AI HEARTS

Smart poles your children can hug — and your kindergarten can certify.



## 10 Animal Characters

Panda · Deer · Elephant · Penguin · Fox · Turtle · Lion · Rabbit · Giraffe · Owl



## AI Talking Companion

GPT-style multilingual chat · parent-set whitelist · safe topics only



## AR Storytelling

Phone-scan triggers 3D character to read bedtime stories



## Bullying & Fall Alert

On-device AI detects · alerts parent app + park security in 5 seconds



## Lost-Child Tracking

All poles form mesh · last-known position of child wristband



## Voice Recognition

Multilingual voice control · parent-controlled access



## Child-Safe AI

On-device NPU only · NO cloud upload · GDPR-Kids compliant



## Certified Safe (EN 1176)

Playground safety standard · 24V SELV · IK10 · IP66



1 Warm-LED Lamp Head

2 4K AI Camera

3 60GHz Radar / 24GHz Radar

4 4G / WiFi 6 Antenna

5 5W IP65 Speaker

6 10" IPS Touchscreen

7 NFC Tap Stamp Pad

8 SOS One-Touch

9 USB-C + USB-A Child-Safe Charging

## FAMILY CARE PLATFORM

- Family Poles: 48 Online · 2 Offline
- Active Children: 312
- SOS Today: 0
- Bullying Alerts: 0
- Top Activity: "Dance Challenge"

## FAMILY CARE DASHBOARD



## A. PARENT APP



## B. PLAYTIME ACTIVITIES



## C. VOICE COMMAND



## D. SCHOOL/RESORT



FIVE FEATURES DELIBERATELY OMITTED FOR CHILD SAFETY

✗ 22kW High-Voltage EV

✗ Drone Counter

✗ Thermal Cam

✗ Face Recognition

✗ Grid-Export V2G



03 · SMART FAMILY & CHILDREN

# SPECIFICATIONS & PARAMETERS

10 stock animal IPs · 11 interactive plays · AI talks any language the parent chooses · EN 1176 / ASTM F1487 / IK10 / IP66 / GDPR-Kids · 24V SELV safe voltage.

10 STANDARD ANIMAL CHARACTERS · CUSTOM MASCOTS ON REQUEST



CUSTOM MASCOTS WELCOME · client logo · mythical creatures · city mascots · brand IP · minimum order quantity always open to discussion

PHYSICAL SPECIFICATIONS · ALL OPTIONS AVAILABLE

PARAMETER	AVAILABLE OPTIONS
01 Pole height	1.5 / 1.8 / 2.2 / 2.8 / 3.5 m
02 Head diameter	Φ300 / Φ400 / Φ500 / Φ600 mm
03 Head material	Rotomould LLDPE food-grade · FRP · soft-pack EVA
04 LED power	30 / 60 / 100 / 150 W
05 Colour temperature	2700K / 3000K / 4000K (warm preferred)
06 Touchscreen	5" / 7" / 10" / 15.6" outdoor IPS · 800–2500 nit
07 Camera	2MP / 4K / 4K + radar dual-light
08 Speaker	3W / 5W / 10W IP65
09 Microphone	Single mic · 4-mic array with noise cancel
10 Radar	PIR · 24GHz · 60GHz mmWave
11 Edge AI	1 / 8 / 40 TOPS (Jetson Orin)
12 Communication	WiFi 6 · 4G · 5G · NB-IoT · BT 5.3 · NFC
13 Power supply	AC 220V · solar 100–200W + LiFePO4 · hybrid
14 Operating temp	-30°C ~ +60°C · IP66 · IK10

8 SIGNATURE FEATURES · CHILD-SAFE BY DESIGN

- 10 Animal Characters
- AI Talking Companion
- AR Storytelling
- Bullying & Fall Alert
- Lost-Child Tracking
- Voice Recognition
- Child-Safe AI
- Certified Safe (EN 1176)

11 SCREEN INTERACTIONS ·

- 01 Weather Bear**  
Cartoon weather · touch swap city · voice play
- 02 AI Talking Companion**  
GPT-style AI chat · any language · parent-set whitelist
- 03 AR Storybook**  
Phone-scan · 3D character reads bedtime stories
- 04 Dance Challenge**  
Radar detects motion · score · leaderboard
- 05 Sticker Selfie**  
AI ear/tail stickers · QR download photo
- 06 Find-A-Friend**  
Multi-pole team-up · clap-light treasure hunt
- 07 Any-Language Words**  
AI word-of-the-day in any language the parent chooses
- 08 Lost-Child Broadcast**  
Park check-in QR + mesh broadcast + heatmap
- 09 Health Check-In**  
Steps / skipping rope / drink reminder + Apple Watch
- 10 Festive Skin**  
Lamp RGBW + screen theme synchro
- 11 NFC Stamp Quest**  
Collect all 10 animals → physical badge

**⚠️ FIVE FEATURES DELIBERATELY OMITTED FOR CHILD SAFETY:**

- × 22kW High-Voltage EV
- × Drone Counter
- × Thermal Cam
- × Face Recognition
- × Grid-Export V2G





03 · SMART FAMILY & CHILDREN

# PARENT APP · YOUR FAMILY DASHBOARD

Track · alert · companion control · all in your phone.



## My Children

Track each child's location, activity, screen time



## Privacy Cam

Live view with auto-blur on faces other than your child



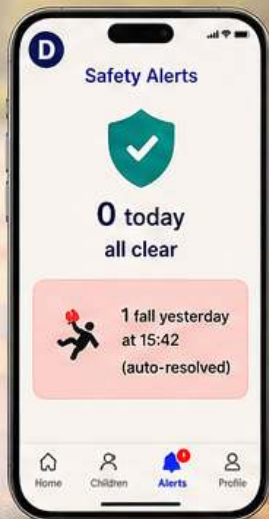
## AI Companion Settings

Whitelist topics · enforce bedtime · multi-language



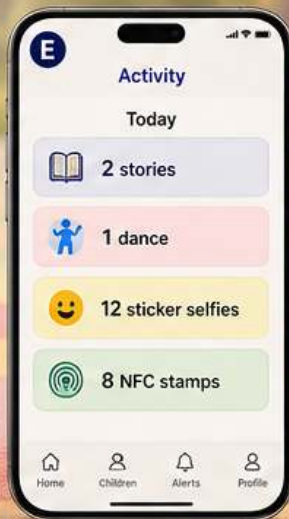
## Safety Alerts

Instant notification of falls, bullying, lost-child events



## Activity Log

Daily summary: dance challenges, stories, words learned



## Holiday Mode

Seasonal themes: Christmas / Easter / Lunar New Year / Halloween



iOS 16+ · Android 10+ · GDPR-Kids compliant · COPPA compliant

# WHERE CHILDREN GROW UP SAFE

From kindergarten to theme park — safe, certified, friendly poles.



## KINDERGARTEN COURTYARD

- **Project:** Tianjin private kindergarten
- **Quantity:** 18 poles · panda + deer + elephant
- **Features:** multilingual story mode · EN1176 certified
- **Result:** 4-month deployment · zero safety incident



## RESORT FAMILY VILLAGE

- **Project:** Sanya Atlantis Family Wing
- **Quantity:** 24 poles · panda + lion + fox + owl
- **Features:** 5G + lost-child mesh + NFC stamps
- **Result:** 95% guest satisfaction · winner family-resort-of-the-year



## SHOPPING-MALL ATRIUM

- **Project:** Shanghai Reel Mall family floor
- **Quantity:** 12 poles · penguin + rabbit + owl
- **Features:** indoor air quality + AI dance challenge leaderboard
- **Result:** 18% increase in family-floor footfall



## THEME-PARK PROMENADE

- **Project:** Chimelong Spaceship custom IP-mascot
- **Quantity:** 36 poles · custom-mascot integration · bespoke build
- **Features:** 10 animal family + custom park mascot
- **Result:** Instagram-able · 12M social impressions in opening month

★ Designed by parents who couldn't find safe smart-pole hardware for their own kindergartens. ★

# PRICING LADDER & INQUIRY

From single pole to full-park 10-character set · FOB Shanghai · MOQ always open to discussion · custom builds welcome

<p><b>1</b> ENTRY</p>		<p>1.8m · 60W LED · 7" touch screen · 4K cam · no AI (manual content)</p> <p>60W LED · 7" Touch Screen · 4K Camera · Manual Content · No AI (Manual)</p>	<p>USD <b>1,500 – 2,200</b></p>
<p><b>2</b> STANDARD</p>		<p>2.2m · 100W LED · 10" screen · AI talking companion · radar · 5G</p> <p>100W LED · 10" Screen · AI Talking Companion · Radar · 5G Connection</p>	<p>USD <b>3,200 – 4,800</b></p>
<p><b>3</b> PREMIUM</p>		<p>2.8m · 150W LED · 15" screen · 40 TOPS edge AI · 4K dual-light cam</p> <p>150W LED · 15" Screen · 40 TOPS Edge AI · 4K Dual-light Cam · All-in-one Sensors</p>	<p>USD <b>6,500 – 9,500</b></p>
<p><b>4</b> SIGNATURE PARK SET</p>		<p>10 animal-character family bundle · multi-pole mesh · content licensing · 12-month ops</p> <p>10 Animal Characters · Multi-pole Mesh · Content Licensing · 12-month Ops · Certified Safety</p>	<p>USD <b>35,000 – 75,000</b></p>
<p><b>5</b> CUSTOM</p>		<p>Custom-mascot animal · client logo / city mascots · ongoing content ops · minimum order quantity always open to discussion</p> <p>Custom Mascot · Client Logo / City Mascots · Content Ops · MOQ Always Open · Bespoke Build</p>	<p>USD <b>60,000 +</b></p>

### Reference Projects

- Tianjin private kindergarten  
18 poles · 2025
- Sanya Atlantis Family Wing  
24 poles · 2025
- Shanghai Reel Mall  
12 poles · 2024
- Chimelong custom-mascot  
bespoke · 2026



- EN 1176 CERTIFIED
- ASTM F1487 COMPLIANT
- IK10 IMPACT
- IP66 WATERPROOF
- GDPR-KIDS COMPLIANT
- 24V SELV SAFE VOLTAGE

All Family IP poles certified EN 1176 / ASTM F1487 / IK10 / GDPR-Kids.

# 10 ANIMAL CHARACTERS · 8 PICKS HERE

Eight of the ten standard animal characters · custom mascots also available on request.



**A1 · PANDA** · 10-Module Smart Kiosk  
East Asia · black-white · 2.2m  
Kindergartens / Asian theme parks

1 / 8



**A2 · DEER** · 10-Module Smart Kiosk  
Europe / N.America · brown-yellow · 2.2m  
Forest parks / nature reserves

2 / 8



**A3 · ELEPHANT** · 10-Module Smart Kiosk  
S.E.Asia / India / Africa · pale grey-blue · 2.5m  
Family resorts / safari hotels

3 / 8



**A4 · PENGUIN** · 10-Module Smart Kiosk  
Cold region / ocean theme · 1.8m  
Aquariums / polar parks

4 / 8



**A5 · FOX** · 10-Module Smart Kiosk  
N.America theme parks · orange-white · 2.0m  
Theme-park promenade

5 / 8



**A7 · LION** · 10-Module Smart Kiosk  
Middle East / Africa · gold-brown · 2.5m  
Luxury estates / royal gardens

6 / 8



**A9 · GIRAFFE** · 10-Module Smart Kiosk  
Savanna / zoo theme · cream-spotted · 3.0m  
Animal park / safari resort

7 / 8



**A10 · OWL** · 10-Module Smart Kiosk  
School / library / book district · 1.5m  
Schools / book towns

8 / 8

## TYPICAL MODULES ON EVERY ANIMAL CHARACTER · CHILD-SAFE BY DESIGN

10" chest IPS touchscreen · eye-position 4K AI camera (on-device, no cloud) · 5W IP65 speaker + 4-mic array · USB-C / USB-A child-safe charge port · red SOS button · NFC stamp tap-pad · 24GHz radar · WiFi 6 / 4G / BT 5.3 · AI talking companion · AR storytelling · bullying & fall AI alert · lost-child mesh tracking · 24V SELV safe-voltage · EN 1176 certified

# SMART POLE FIRST · DRONE DOCK SECOND

It's first a smart streetlamp. The drone dock is an upgrade module — buy the pole now, add the dock later.



**1. Drone Hangar (Dock-in-a-Pole)**  
760×760 / 1000×1000 / 1200×1200 weather-sealed enclosure · clamshell roof opens in 30s · drone fully housed inside when idle



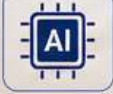
**2. Wireless Drone Charging**  
Qi / resonant / contact-pad · 100-1000W · 25-50min full-charge



**3. Centimetre-Level Positioning**  
1cm + 1ppm RTK base station · drone autonomy



**4. 5G + Sky Sensing**  
5G Sub-6 / mmWave · integrated sensing-and-communication



**5. High-Power Edge AI**  
Jetson Orin 8-275 TOPS · drone footage analysis on the pole



**6. Day & Night Camera**  
4K 30x or 8K 50x PTZ + thermal dual-light



**7. Short-Range Radar**  
Drone takeoff/landing zone monitoring



**8. Anti-Drone Defence**  
RF detection + jamming · law-compliant version

## SKY HUB COMMAND

Active Drones	Idle	In-flight	Charging
12	6	4	2

Daily missions 86 · Average flight 27 min · Total flight time YTD 18,420 hours  
 Anomalies detected today 3 (auto-screenshot saved)  
 Pipeline coverage 14 sections / 18 km



### A COMMAND CENTER

### B AI SERVICE CENTER

### C VOICE COMMAND

"Launch perimeter patrol"

### D CITY DATA CENTER

Compatible with DJI Dock 3 / FlytBase / open-protocol custom drones

# SPECIFICATIONS & PARAMETERS

Two products in one – a fully-loaded 10-in-1 smart streetlamp (LED · 4K PTZ camera · 5G · edge AI · info screen · EV charge · SOS · sensors) PLUS a weather-sealed drone hangar on top. Buy the smart pole now, add the hangar later.  
 DJI Dock 3 / FlytBase / open-protocol custom drones supported.

## SMART POLE PLATFORM · LED · CAMERA · 5G · SENSORS · CHARGING

PARAMETER	AVAILABLE OPTIONS
01 Pole height	6 / 8 / 10 / 12 / 14 m
02 Pole material	Hot-dip galvanised Q235 steel · brushed aluminium · matte graphite powder coat
03 Pole diameter	Φ180 / Φ220 / Φ280 mm tapered tubular
04 LED street-light	80 / 120 / 150 / 200 W · 4000K / 5000K · IP66 · 50,000 hr life
05 Pole-mounted camera	4K 30× PTZ · 8K 50× PTZ · 4K + thermal dual-light
06 5G + comms	4G LTE · 5G Sub-6 · 5G mmWave panel antenna · WiFi 6 hotspot
07 Edge AI compute	Jetson Orin Nano / NX / AGX 8–275 TOPS · Ascend 310 / 610 · Hailo-8
08 Info display screen	32" / 43" / 55" outdoor IPS 1500–2500 nit
09 Environment sensor	Temp · humidity · PM2.5 · noise · wind · UV (multi-in-one pod)
10 EV + USB charging	USB-C 65W · 7 kW AC · 22 kW AC at base
11 Emergency SOS	One-touch button + 2-way audio · 4-mic array
12 Power supply	AC 220V grid + LiFePO4 100–500 Ah backup (no wind / no solar)
13 IP / IK rating	IP66 · IK10 · -30°C ~ +60°C operating

## DRONE HANGAR UPGRADE · DOCKING · CHARGING · FLIGHT OPS

PARAMETER	AVAILABLE OPTIONS
01 Hangar enclosure	760×760 / 1000×1000 / 1200×1200 mm weather-sealed clamshell-roof
02 Roof open time	30 / 45 / 60 s clamshell hinge
03 Charging method	Contact-pad auto-dock · Qi inductive · resonant · long-range laser (experimental)
04 Charging power	100 / 200 / 500 / 1000 W
05 Full-charge time	25–50 min (15 → 95 % SoC)
06 Drone takeoff weight	<3 / <6 / <10 / <25 kg
07 RTK accuracy	1 cm + 1 ppm RTK base station mounted on pole top
08 Wind tolerance	8 / 12 / 15 m/s drone takeoff & landing
09 Hangar IP (closed)	IP55 / IP56 / IP66
10 Flight radius	3 / 5 / 7 / 10 km
11 Drone operating SW	DJI FlightHub 2 · FlytBase · in-house open API · DJI Dock 3 / Mavic 3E / Skydio X10 / Autel / custom drones

## 8 SIGNATURE FEATURES · 70+ OPTIONAL MODULES

- Drone Hangar
- Wireless Drone Charging
- Centimetre-Level Positioning
- 5G + Sky Sensing
- High-Power Edge AI
- Day & Night Camera
- Short-Range Radar
- Anti-Drone Defence

+ 70 more modules – see [Module Library page](#).

## COMPATIBLE DRONE MODELS · OPEN-API READY

<p><b>DJI Matrice 4D / 4TD</b> &lt;25kg · IP55</p>	<p><b>DJI Mavic 3E</b> &lt;2kg · 4K</p>
<p><b>Skydio X10</b> &lt;3kg · obstacle-avoid AI</p>	<p><b>Autel Evo Max</b> &lt;10kg · IP43</p>
<p><b>Custom (open API)</b> any size · open protocol</p>	<p>Compatible with any drone supporting · WiFi/4G uplink · Qi or contact charging · standard waypoint API</p>

## HANGAR-ON-SMART-POLE VARIANTS

<p><b>760×760 SMALL POLE-TOP HANGAR</b></p>	<p><b>1000×1000 MID SIDE-MOUNT HANGAR</b></p>	<p><b>1200×1200 LARGE WEATHER-PROOF HANGAR</b></p>	<p><b>POLE-BASE SMART LOCKER (PARCEL DELIVERY)</b></p>
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All Sky Hub poles ship as fully-loaded 10-in-1 smart streetlamps (LED + camera + 5G + edge AI + display + EV + sensors + SOS) · drone hangar as field-installable upgrade module on top · 5-year hardware warranty



04 · SKY HUB

# SKY HUB COMMAND APP

Plan missions · launch drones · review footage · all from your phone.



## 1. Drone Fleet Status

Live status of every drone-equipped pole



## 2. Mission Planner

Click route on map · automated waypoint patrol



## 3. Live Telemetry

First-person view from any drone in real time



## 4. Auto-Charge Cycle

Drones return to nearest pole when battery <30%



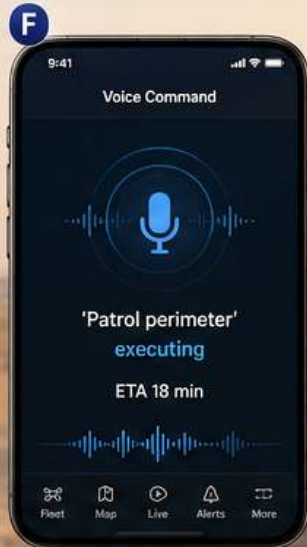
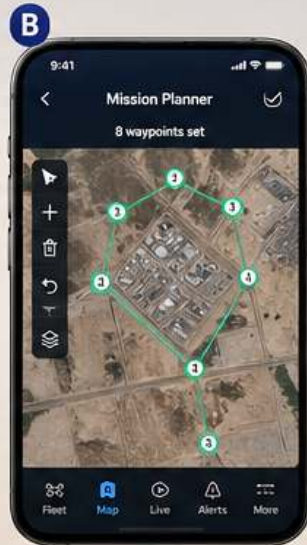
## 5. Anomaly Detection

AI flags unusual heat / motion / objects



## 6. Voice Command

"Patrol perimeter" ·  
"Scan oilfield section 3"



iOS 16+ · Android 10+ · DJI Dock 3 SDK integrated



## 04 · SKY HUB

# PATROL · INSPECT · DELIVER · RESCUE

Same pole. Four mission profiles.

### Q1 — OILFIELD PIPELINE

- **Project:** Tarim Basin pipeline (Xinjiang)
- **Quantity:** 24 poles · automated 3-times-daily patrol
- **Features:** methane leak detection · thermal imaging
- **Result:** 80% reduction in manual inspection cost

### Q2 — POLICE PERIMETER

- **Project:** Pudong District park patrol (Shanghai)
- **Quantity:** 18 poles · event-triggered drone launch
- **Features:** 5G live-feed to control room · suspect tracking
- **Result:** 4-minute average response time (was 18 minutes)

### Q3 — PORT SECURITY

- **Project:** Yangshan Phase IV port
- **Quantity:** 36 poles · drone perimeter every 30 min
- **Features:** radar drone-detection · anti-drone laser (compliant)
- **Result:** 99.4% perimeter integrity uptime

### Q4 — LAST-MILE DELIVERY

- **Project:** Pilot programme 2026
- **Quantity:** 8 poles · drone-to-locker 5km radius
- **Features:** 12-min average delivery · contactless pickup
- **Result:** 78% lower last-mile cost vs courier

From oilfield to perimeter to port to porch — one pole, four mission profiles.



## 04 · SKY HUB

# PRICING LADDER & INQUIRY

From single drone-equipped pole to city-wide fleet · FOB Shanghai · MOQ open to discussion · custom builds welcome



### 01

ENTRY

#### 8m smart pole + small dock

+ Qi 100W + DJI-Dock-3-compatible

LED lighting

4K camera

5G ready

Basic sensors

USD

## 12,000 – 18,000

per pole

### 02

STANDARD

#### 10m + medium dock + 200W wireless

+ RTK + 5G + 4K camera

Auto docking

WiFi 6

Env sensors

Edge AI (optional)

USD

## 25,000 – 40,000

per pole

### 03

PREMIUM

#### 12m + large dock + 500W wireless drone charging

+ edge AI 275 TOPS + multi-drone-model + grid + battery backup

Thermal camera

PTZ 30x

SOS

Display screen

EV charging

USD

## 50,000 – 85,000

per pole

### 04

FLEET

#### Multi-pole city deployment

+ dispatch platform + smart locker + anti-drone laser (compliant)

Central command

AI patrol

Auto dispatch

Data platform

USD

## 200,000 – 500,000

per project

### 05

CUSTOM

#### City-wide Sky Hub network + AI dispatch + full operations

+ annual ops contract

Unlimited poles

24/7 NOC

Custom integration

SLA

USD

## 500,000 +

per city / district



### Sky Hub Inquiries



Get a quote in  
**24 hours**



Share your site plan  
(PDF / CAD)



Receive custom  
**configuration & BOM**



Talk to our Sky Hub  
**engineering team**

### Reference Projects (2025–2026)

- Tarim Basin pipeline · 24 poles · 2025
- Pudong District park patrol · 18 poles · 2025
- Yangshan Phase IV port · 36 poles · 2026
- Last-mile delivery pilot · 8 poles · 2026

Drone hardware sold separately. SOLARTODO Sky Hub is open-protocol — DJI Dock 3, FlytBase and custom drones supported.



## 04 · SKY HUB

# DESIGN GALLERY · 8 STYLES

Eight Sky Hub configurations — different pole geometry, hangar shape and finish colour · pick the closest to your site.



**01** Round pole + square clamshell · Brushed aluminium · 8m · 760  
Pilot site / single-drone use 1 / 8



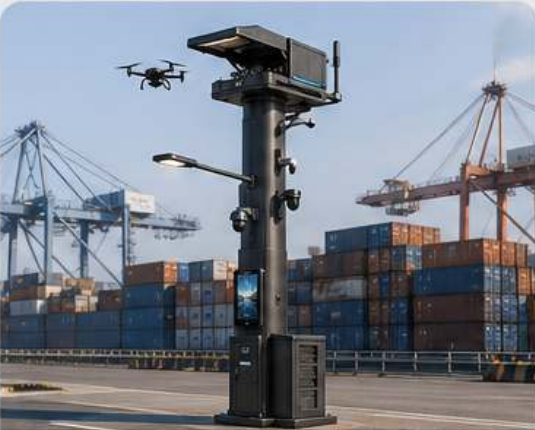
**02** Octagonal pole + square clamshell · Pearl-white · 10m · 1000  
Standard urban patrol 2 / 8



**03** Square pole + long-clamshell · Matte graphite · 12m · 1200  
Heavy-duty perimeter security 3 / 8



**04** Stepped pole + drum dome · Corten · 14m · heated  
Cold-climate / subarctic deployment 4 / 8



**05** Stepped pole + long-clamshell · Gunmetal black · 12m · 1200 + locker  
Port / logistics yard drone hub 5 / 8



**06** Round pole + drum dome · Champagne gold · 14m · 1200  
Sensitive perimeter (law-compliant) 6 / 8



**07** Square pole + sliding-deck shoebox · Pearl-grey · 10m · 760 + locker  
Residential parcel delivery 7 / 8



**08** Octagonal pole + sliding-deck shoebox · Graphite + blue trim · 12m · 1200  
City-wide drone network 8 / 8

### TYPICAL MODULES ON ANY OF THE 8 SKY HUB STYLES

Weather-sealed drone hangar 760×760–1200×1200 mm with hinged clamshell roof (DJI Dock 3 / Skydio Dock style) · wireless drone charging Qi 100–1000W · RTK base station 1cm + 1ppm · 5G mmWave panel antenna · Jetson Orin edge AI 8–275 TOPS · 4K 30x PTZ + thermal dual-light camera · LiDAR / 60GHz mmWave short-range radar · battery-swap cradle (DJI Dock 3 / Mavic 3E / Skydio X10 compatible) · anti-drone RF detection + compliant laser · smart-locker for last-mile delivery · 5G-A integrated sensing-and-comm

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# THE LANDMARK OPERATING SYSTEM

*From muqarnas pillars to mirror-clad sky portals · from bronze sculptures to AI data totems · every shape is a possible landmark — co-designed for cities that want to be photographed.*



## 1 Any Cultural Vocabulary

Heritage motifs (muqarnas / pagoda / Gothic / Maya / totem) AND modern parametric / mirror / kinetic / data-art languages — design-to-suit



## 2 Aerial Hologram + Drone Show Sync

Persistence-of-vision crown + synchronised drone-swarm choreography for festival nights



## 3 Pixel-Skin Media Surface

Wraparound P3-P20 LED skin · seasonal artist commissions · NFT-mint each frame



## 4 AR / VR / Volumetric Portals

NFC / image / GPS / LiDAR triggers · scan to enter immersive AR scene



## 5 Beam-Forming Sound

AI multilingual narration in any language · 3-12 channel directional audio · zero noise spill



## 6 Sky-Water + Mist + Scent

Atmospheric water harvest · programmable mist / scent / micro-climate for installation art



## 7 Footfall / Vibration / Health

Heritage sensors monitor structure + crowd density + visitor sentiment



## 8 100% Bespoke Form Factor

Sculpture · statue · obelisk · arch · sky-mirror · kinetic pavilion · data totem · AR portal · land-art ring · drone-swarm tower — any shape · 100-year design life



### A. VISITOR APP

### B. AI SERVICE CENTER

### C. VOICE COMMAND

Tell me the story of this monument

### D. CITY DATA CENTER

### ICONIC PLATFORM

Active Monuments <b>14</b>	Cities <b>8</b>	Tourist scans this month <b>86,420</b>	Stamp collections completed <b>2,418</b>
Festival Schedule · 6 upcoming	Heritage Sensors · vibration / corrosion / GPS · all OK	Top monument "Diriyah Heritage Pillar" · 12,840 scans	

Co-designed with local cultural ministries, public-art commissions and contemporary artists · any form factor · custom builds welcome · MOQ and lead time always open to discussion

# SPECIFICATIONS & PARAMETERS

Heritage motifs AND modern / sci-fi / kinetic / sculpture / AR-portal / data-totem languages · any form factor · 100% custom · 100-year design life · MOQ always open to discussion.

12 DESIGN LANGUAGES · HERITAGE + CONTEMPORARY · LICENSED PATTERN LIBRARY

<b>MIDDLE EAST</b> Mosque minaret · Islamic geometry · muqarnas · Arabic calligraphy relief		<b>EUROPE</b> Gothic spire · Corinthian flute · baroque scroll · Art-Nouveau curve		<b>EAST ASIA</b> Pagoda · cherry blossom · lantern · dragon-phoenix · zen lamp		<b>LATIN AMERICA</b> Maya step pyramid · Aztec calendar · colonial baroque · Olmec	
<b>AFRICA</b> Tribal totem · Maasai geometry · Egyptian obelisk · Yoruba mask		<b>NORTH AMERICA</b> Indigenous totem · Manhattan modern · West-Coast steel constructivism		<b>PARAMETRIC SCULPTURE</b> Computational form · CNC-milled bronze · Voronoi mesh · biomimetic flow		<b>SKY-MIRROR / KINETIC</b> Mirror-polish steel · kinetic petal walls · wind-driven moiré	
<b>DATA TOTEM</b> Edge-lit translucent column · live data-stream visualisation · pulse-glow rhythm		<b>AR PORTAL ARCH</b> Walk-through gateway · LiDAR-trigger AR scene · volumetric framing		<b>DRONE-SWARM TOWER</b> Synchronised drone-light choreography on a host pylon		<b>LAND-ART RING</b> Wide horizontal ring on the ground · NFC stations around the rim · earth-art scale	

PHYSICAL PARAMETERS · 100% CUSTOM-CONFIGURABLE

PARAMETER	AVAILABLE OPTIONS
01 Form scale	Tabletop 1.5m → bollard 2.5m → pillar 4-8m → mid sculpture 10-20m → monument 30-50m → land-art ring 60m+
02 Material	Cast bronze · corten weathering steel · mirror-polished stainless · FRP · GFRC · powder-coat aluminium · stone composite · cast acrylic · CNC-milled basalt
03 Surface finish	Aged bronze patina · mirror polish · matte · hand-engraved · laser-etched · brushed · iridescent dichroic glass
04 Lighting type	Internal back-lit cut-cuts · pixel-skin media facade · edge-line · ground projection · RGBW · holographic crown · drone-swarm choreography
05 Pixel pitch	P3 / P5 / P8 / P10 / P16 / P20 (or zero — non-illuminated sculpture)
06 Pixel total	100 → 50,000 → 1,000,000 px (mega-skin)
07 AR / immersive	NFC · image recognition · GPS · LiDAR · volumetric capture · WebAR · Apple Vision Pro / Meta Quest / native app
08 Multi-language	AI translation engine · any visitor language on demand
09 Audio	Beam-forming directional · 3-12 channel · binaural · spatial sound bubble
10 Sensors	Footfall · proximity · ambient sound · temperature · structural health · crowd-sentiment AI
11 Self-power	Solar harvest 200-5000W · wind microturbine · grid + battery hybrid
12 Communication	4G · 5G · 5G-A · WiFi 6 · fibre · LoRa heritage-mesh
13 Total power	0.5 / 5 / 20 / 50 / 200 kW
14 LED lifetime	50,000 / 80,000 / 100,000 hr (or zero — non-LED sculpture variant)

8 SIGNATURE FEATURES · 70+ OPTIONAL MODULES

6 Cultural Design Languages	Aerial Hologram	LED Hologram Fan	AR Storytelling	Multi-Channel Sound	Sky-Water Generator	Aerial Meeting Space	100% Bespoke Design
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12 FORM TYPES · BOLLARD TO LAND-ART · ALL CUSTOM

 DECORATIVE PILLAR · 4-8m	 PIXEL MEDIA TOWER · 10-20m	 MONUMENT OBELISK · 20-50m	 SKY-MIRROR SCULPTURE · 8-14m
 AR PORTAL ARCH · 4x5m	 ICONIC STATUE · 3-10m	 DATA TOTEM · 6-12m	 PARAMETRIC SCULPTURE · 5-15m
 KINETIC INSTALLATION variable	 DRONE-SWARM TOWER · 15-30m	 LAND-ART RING · 20-60m wide	 TABLETOP MARKER · 1.5-2.5m

**COPYRIGHT NOTE:** ✓ Safe to reference · stylised heritage motifs · generic mosque minarets · pagodas · Gothic spires · genre conventions of mirror-sculpture / parametric art / AR-portal / data-art. ✗ Avoid · Eiffel · Cloud Gate exact replica · Vessel exact replica · Statue of Liberty · Disney · trademarked artworks or buildings.





05 · SMART ICONIC & HERITAGE

# VISITOR APP · DISCOVER & COLLECT

Find monuments · collect stamps · listen to stories · in any language.



## 1 Discover Monuments

Find SOLARTODO landmarks near you, nationwide, worldwide



## 2 Stamp Collection

NFC tap each monument · earn city badge



## 3 AR Stories

Phone-scan reveals 3D historical scene



## 4 Audio Tour

AI multilingual narration in any visitor language · co-curated with local cultural experts



## 5 Festival Calendar

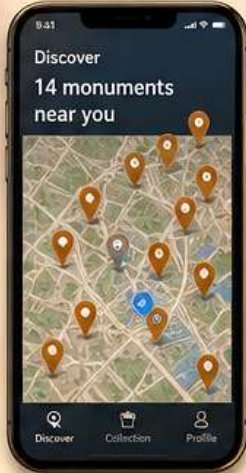
See when monument changes lighting for festivals



## 6 Share Photos

Auto-watermark · NFT-mint option

**A** Discover  
14 monuments near you · map view



**B** Stamp Collection  
8/14 collected · earn "Shanghai Heritage" badge



**C** AR Story  
scanning · 3D historical scene appearing



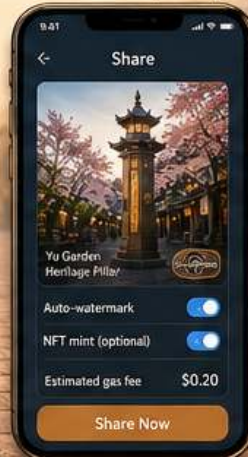
**D** Audio Tour  
select your language · AI multilingual · any language the visitor speaks



**E** Festival Mode  
monument lights up red for Lunar New Year tonight 19:00



**F** Share  
auto-watermark · "Yu Garden Heritage Pillar" · NFT mint optional · gas \$0.20



iOS 16+ · Android 10+ · AI multilingual · any language on demand

# LANDMARKS THAT TELL CITY STORIES

From corten heritage pillars to mirror sky-sculptures ·  
from AR portals to drone-swarm towers · one platform, any landmark form.

## SCENARIO 1 HERITAGE PLAZA

- 📍 Form: Corten muqarnas pillars
- 🔊 Function: Cultural storytelling
- 🎧 Experience: Audio · NFC · Ambient light
- 🏠 Mood: Heritage · Warm · Timeless

## SCENARIO 2 CULTURAL APPROACH

- 📍 Form: Pagoda pillars & AR portal
- 🔊 Function: Cultural interaction
- 🎧 Experience: AR haiku · Seasonal light
- 🏠 Mood: Serene · Poetic · Immersive

## SCENARIO 3 WATERFRONT PROMENADE

- 🔊 Form: Kinetic biomimetic sculptures
- 🔊 Function: Public art & wayfinding
- 🎧 Experience: Wind-responsive · Audio · Pixel-skin mode
- 🏠 Mood: Dynamic · Playful · Coastal

## SCENARIO 4 FUTURISTIC LANDMARKS

- 🔊 Form: Sky-disc · Data totems · Drone-swarm host
- 🔊 Function: Smart city signature
- 🎧 Experience: Drone show · Volumetric AR · Digital twin
- 🏠 Mood: Futuristic · Spectacular · Tech-driven

From muqarnas to pagoda · from sky-mirror to data totem · from kinetic sculpture to drone-swarm —  
one platform, any landmark form.

# PRICING LADDER & INQUIRY

From bollard markers to land-art rings · from heritage pillars to mirror sky-sculptures · from AR portals to drone-swarm towers · custom builds welcome · MOQ always open to discussion.

	<b>1 ENTRY</b>	1.5–2.5m tabletop / bollard interactive marker · NFC + AR trigger · internal lighting	USD <b>2,500 – 6,500</b>
	<b>2 STANDARD</b>	4–8m heritage pillar / sculptural light column · cast bronze or corten · internal LED + AI audio	USD <b>8,000 – 35,000</b>
	<b>3 PREMIUM</b>	<b>ICONIC</b> 8–14m mirror sky-sculpture / data totem / AR portal / parametric sculpture · pixel-skin or mirror polish · holographic crown · AI multilingual audio	USD <b>50,000 – 350,000</b>
	<b>4 SIGNATURE</b>	<b>LANDMARK</b> 15–30m monument / kinetic installation / drone-swarm host pylon · commissioned artist · city-integrated platform	USD <b>400,000 – 2,500,000</b>
	<b>5 CUSTOM</b>	Land-art ring 30–60m / mega-skin tower 50m+ / metaverse digital twin · satellite-naming-rights option · NFT-mint frame stream	USD <b>2,500,000 +</b>
	<b>BESPOKE DESIGN</b>	Fully custom CAD + engineering · concept-to-production timeline always open to discussion	<i>By inquiry</i>

## Iconic Inquiries

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### REFERENCE PROJECTS

- Riyadh Diriyah heritage walk · 12 corten pillars · 2025
- Kyoto cultural zone · 8 bronze pagoda pillars + 1 AR portal arch · 2025
- Barcelona waterfront kinetic-sculpture park · 6 parametric + 2 sky-mirrors · 2026
- Dubai / NEOM smart-city flagship · 1 mirror sky-disc + 4 data totems + 1 drone-swarm pylon · 2026
- CDMX Centro Histórico · 6 Maya-step inspired pillars · 2026



Co-designed with cultural ministries, public-art commissions and contemporary artists.  
Lead time and MOQ always open to discussion.

# 8 LANDMARK FORMS · HERITAGE TO SCI-FI

Eight wildly different forms — pillar, statue, sky-mirror, AR portal, kinetic sculpture, data totem, land-art ring, drone-swarm tower · pick the one that becomes your city's postcard.



**Heritage corten muqarnas pillar**

8m · corten · arabesque cut-outs · holographic crown  
Heritage walks / cultural districts



**Bronze pagoda pillar**

6m · cast bronze · pagoda crown · seasonal lighting  
Temple approaches / cultural zones



**Mirror sky-disc sculpture**

14m · stainless mirror dish + slim pylon · LiDAR AR · mist plinth  
Smart-city plaza landmark / postcard generator



**AR portal arch**

5m x 4m portal · LiDAR + NFC + image triggers · volumetric scene  
AR storytelling sites / cultural-tech districts



**Parametric biomimetic sculpture**

10m · CNC-milled bronze Voronoi · interior glow  
Contemporary art-park flagship



**Edge-lit data totem**

12m · translucent column · live data-stream visualisation  
Smart-city tech-park / festival ground



**Kinetic petal-wall**

8m x 5m · 200 wind-driven petals · moiré  
Wind-park / outdoor festival ground



**Drone-swarm host pylon**

25m · 60-drone choreographed swarm · volumetric art  
City flagship festival / postcard landmark

**ANY FORM, ONE PLATFORM · SOLARTODO LANDMARK OS**

Pixel-skin LED P3-P20 · top-crown holographic disc · NFC / image / GPS / LiDAR AR triggers · beam-forming directional audio · AI multilingual narration (any language)  
footfall + vibration + structural-health sensors · internal LED illumination through cultural cut-outs · pixel-mirror media surface · drone-swarm choreography sync  
sky-water mist + scent generator · 4K camera + 5G antenna · solar harvest film · NFT-mint frame stream · 100-year design life



06 • SMART SELFIE TOWER

# SOCIAL-MEDIA MAGNETS

Heart arches • giant letters • mirror columns • 15 photo plays + AI photographer.



### AI Photo Director

Detects guest • suggests pose • adjusts lighting in real time



### Magic Background Swap

AI cut-out + library backgrounds • ocean / Milky-Way / heritage scene



### Triple-Camera Studio

4K main + 4K panorama + 4K selfie • auto multi-angle cut



### Large Touch Screen

32-75 inch outdoor IPS • pose preview • filter shop • live preview



### Targeted Sound

Beam-forming directional audio • 1m-cone privacy • zero noise pollution



### NFC Souvenir Cards

Tap-and-collect city stamp • physical badge reward



### AI Beauty Filters

Beauty • vintage • anime • holiday themes • OTA-updatable filter pack



### Brand Co-Created Skins

Sponsored seasonal skins • IP-collab limited modes • revenue share



### A. VISITOR APP



### B. AI SERVICE CENTER



### C. VOICE COMMAND



### D. OPERATIONS



SELFIE OPS CLOUD PLATFORM		
Active Towers <b>86</b>	Daily photos <b>18,420</b>	Trending filter "Cherry Blossom" <b>38%</b> of today's photos
Social shares today <b>6,310</b>	Top tower "LOVE Wuhan" <b>2,180</b> photos	Sponsored campaigns active <b>4</b> • revenue today <b>USD 12,840</b>
NFT mints opt-in today <b>218</b>		

iOS 16+ • Android 10+ • WiFi-direct photo sync • NFT-mint optional



## 06 · SMART SELFIE TOWER

# SPECIFICATIONS & PARAMETERS

10 form factors · 15 AI photo plays · 100% custom CAD · hardware + 12-month content ops + sponsored filter rotation.

### 10 FORM TYPES · OR FULLY CUSTOM CAD

<b>F1</b>  <b>HEART ARCH</b> 3-6m · wedding parks	<b>F2</b>  <b>GIANT LETTER TOWER</b> 2-8m · city landmark	<b>F3</b>  <b>RAINBOW ARCH</b> 4-6m · LGBTQ+ resort	<b>F4</b>  <b>SKY-MIRROR COLUMN</b> 5-10m · salt-flat / desert	<b>F5</b>  <b>MINI WINDMILL</b> 4-8m · Dutch theme
<b>F6</b>  <b>GIANT CAMERA</b> 3-5m · photography theme	<b>F7</b>  <b>AR FRAME</b> 3x3m · theme park	<b>F8</b>  <b>INFINITY MIRROR</b> 2-4m · immersive art	<b>F9</b>  <b>RETRO GIANT OBJECT</b> 3-5m · street social	<b>F10</b>  <b>GIANT ANIMAL HUG</b> 2-4m · café / homestay



### PHYSICAL SPECIFICATIONS · ALL OPTIONS AVAILABLE

PARAMETER	AVAILABLE OPTIONS
01 Height	2 / 3 / 4 / 6 / 8 / 12 m
02 Form custom	100% client CAD · or in-house designer · custom welcome
03 Material	Mirror-polish stainless · powder-coat aluminium · FRP · acrylic light-trans · wood composite
04 Lighting	Internal back-lit · external wash · RGBW pixel-skin · neon strip
05 Pixel pitch	P3 / P5 / P10 / P16
06 Touchscreen	32" / 43" / 55" / 75" outdoor high-bright (1500-2500 nit)
07 Camera	4K main + 4K panorama + 4K selfie position
08 Audio	30W stereo / 60W high-band / IP66
09 Edge AI	8-40 TOPS (portrait segment / beauty / AI background swap)
10 Communication	WiFi 6 + 5G + 4G + BT + NFC
11 Power supply	AC 220V · solar + LiFePO4 · fully off-grid possible
12 Content platform	SOLARTODO-CLOUD selfie-tower content management
13 IP / IK	IP66 · IK10
14 Operating temp	-20°C ~ +55°C

### 15 AI PHOTO PLAYS · UPDATABLE OVER-THE-AIR

 <b>P01 AI Photo Director</b> Detect guest · suggest pose · sync lighting	 <b>P02 One-tap Social Share</b> WiFi to phone · auto-watermark · QR	 <b>P03 Local Trending Showcase</b> Show top photos taken at this tower
 <b>P04 AI Background Swap</b> Eiffel · moon · ocean · Milky Way	 <b>P05 Beauty Filter</b> Beauty · vintage · anime · cosplay	 <b>P06 Short-Video Mode</b> 15s/30s template + auto music
 <b>P07 Festive Skin</b> Valentine pink · Christmas red · Halloween purple	 <b>P08 Scenic Wayfinding</b> Touch map + AR path	 <b>P09 AI Multi-Lingual Guide</b> 8 languages live tour
 <b>P10 NFC Stamp Quest</b> Visit 10 towers → physical badge reward	 <b>P11 NFT Photo Mint</b> Auto blockchain mint each photo	 <b>P12 Royal / Period AR</b> Costume try-on overlay
 <b>P13 VR Immersive Prelude</b> Wear VR · ancient or future version	 <b>P14 Operations Heatmap</b> Footfall · which tower hottest	 <b>P15 IP-Collab Limited Mode</b> Celebrity / brand-limited campaigns

### 8 SIGNATURE FEATURES · POWERS 15 AI PHOTO PLAYS

AI Photo Director	Magic Background Swap	Triple-Camera Studio	Large Touch Screen	Targeted Sound	NFC Souvenir Cards	AI Beauty Filters	Brand Co-Created Skins
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Hardware sells once · content runs forever · sponsored filter rotation generates ongoing revenue

solartodo.com · Email: cinn@solartodo.com



## 06 · SMART SELFIE TOWER

# VISITOR APP · SHOOT · SHARE · COLLECT

Find tower · click photo · auto-share · earn stamps · mint NFT.



### 1 Find Towers

Map of nearby selfie towers · global coverage



### 2 Photo Mode

Auto director: pose hints + lighting + cropping · multilingual UI in any language



### 3 Filter Shop

Free + sponsored seasonal filters



### 4 City Stamps

Visit 10 towers · earn city badge



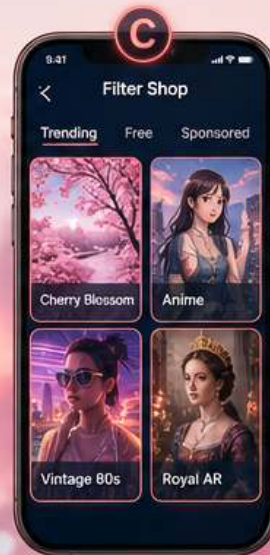
### 5 NFT Wallet

Optional mint of your photos



### 6 Auto Share

WiFi-direct to phone · QR · social platforms



iOS 16+ · Android 10+ · wallet-connect optional · global cities · UI in any language

# FROM TIKTOK TRAFFIC TO TICKETED VENUES

Hardware sale + 12-month content ops + sponsored filter rotation.

**Q1 — URBAN PHOTOGENIC ALLEY**

- Scenario: pedestrianised retail / lifestyle district
- Typical config: 6-10 towers · 4m · giant city-name letters (any language)
- Hardware highlights: AI photographer · auto-share · NFC stamp
- Operator value: foot-traffic anchor · UGC engine · tenant co-marketing slot



**Q2 — WEDDING / MARRIAGE PARK**

- Scenario: civic wedding registry park or couple-themed garden
- Typical config: 4-6 heart arches · NFC-mint photo · auto-frame
- Hardware highlights: bridal AI direction · custom filter pack
- Operator value: ceremony-day photo asset · brand-sponsored filter rotation

**Q3 — MIRROR / WATERFRONT PROMENADE**

- Scenario: salt-flat / lake / coastal scenic walk
- Typical config: 3-5 mirror columns · AI photographer in any language
- Hardware highlights: NFT mint · sunrise/sunset auto-detection
- Operator value: signature scenic-spot icon · ticket-uplift driver



**Q4 — WATERFRONT NIGHTLIFE DISTRICT**

- Scenario: marina / entertainment / luxury nightlife zone
- Typical config: 2-4 infinity / mirror towers · sponsored brand rotation
- Hardware highlights: VIP queue mode · luxury-brand collab events
- Operator value: monthly sponsorship slot · venue-grade content engine

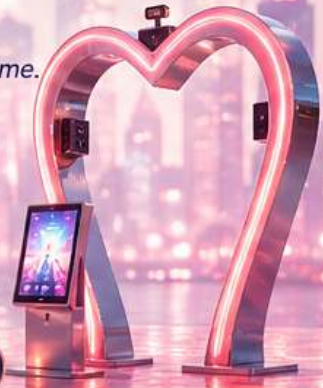
Hardware sells once. Content runs forever. Sponsorship rotates monthly.



## 06 · SMART SELFIE TOWER

# PRICING LADDER & INQUIRY

From single-form influencer prop to city-scale 10-tower matrix · FOB Shanghai · MOQ always open to discussion · custom builds welcome.



	<b>1</b> <b>ENTRY</b>	3m · single form · no screen · beauty-mode lighting	<b>USD 3,000 – 6,000</b>
	<b>2</b> <b>STANDARD</b>	5m · sculpted form · 43-inch touchscreen · AI photo director	<b>USD 15,000 – 28,000</b>
	<b>3</b> <b>PREMIUM</b> VIRAL	8m · pixel media skin · full AI suite · NFC + NFT	<b>USD 50,000 – 95,000</b>
	<b>4</b> <b>SIGNATURE</b> 5A SCENIC	12m · VR + AR + IP collab + content ops 12 months	<b>USD 150,000 – 500,000</b>
	<b>5</b> <b>CUSTOM</b> CITY NETWORK	10-tower city network + dispatch + 12-month content ops	<b>USD 500,000 – 2,000,000</b>
	<b>ULTIMATE</b>	Top-IP collab + satellite-projection synchronisation	<b>USD 2,000,000 +</b>



### Selfie Inquiries



### TARGET DEPLOYMENT SCENARIOS



#### Urban photogenic alley

- 6–10 letter towers · pedestrian retail districts



#### Wedding / civic registry park

- 4–6 heart arches · ceremony-grade filters



#### Lake / salt-flat / coastal promenade

- 3–5 mirror columns · sunrise-sunset auto mode



#### Marina / nightlife waterfront

- 2–4 infinity towers · sponsor-rotation ready



Smart Selfie Tower revenue model: hardware sale + optional 12-month content ops + sponsored filter rotation.



# 10 FORM LIBRARY · 8 PICKS HERE

Eight different selfie-tower forms — heart, letter, mirror, rainbow, AR frame and more — pick one or commission a fully custom design.



**F1 · Heart Arch · 10-Module Studio**  
4m · coral LED + mirror steel  
Wedding parks / couple gardens

**F2 · Giant Letter Tower**  
4m letters · LOVE / city name  
City landmarks / pedestrian alleys

**F3 · Rainbow Gateway**  
4m · 7-colour LED arch  
LGBTQ+ resorts / pride events

**F4 · Sky-Mirror Pillar**  
8m · mirror polish + RGBW  
Salt-flat resorts / desert sites



**F5 · Mini Windmill**  
5m · rotating blades + LED outline  
Dutch-style theme zones

**F6 · Giant Camera**  
4m · 4K lens cluster · functional  
Photography theme parks

**F7 · AR Frame**  
3x3m · transparent OLED + AR  
Theme parks / interactive plazas

**F8 · Infinity Mirror**  
3m · infinity-mirror LED tunnel  
Immersive art exhibits

### TYPICAL MODULES ON ANY OF THE 8 SELFIE TOWER FORMS

Triple-camera 4K studio (main + panorama + selfie position) · Jetson Orin AI 8–40 TOPS · 32–75" outdoor touch IPS preview screen · RGBW pixel-skin LED outline · directional beam-forming speaker  
NFC souvenir tap-pad · WiFi 6 + 5G + 4G + NFC · AI photo director · AI background swap · AI beauty filter · one-tap social share + auto-watermark + QR · NFT photo mint (Polygon, optional)



## SERVICE & SUPPORT

# FROM INQUIRY TO LIFETIME CARE

Eight steps · 150 days from email to installation · 5-year warranty.



### MANUFACTURING

- 30,000 m<sup>2</sup> Jiangsu factory
- In-house steel pole foundry
- Mono-Si + CIGS thin-film R&D
- 350+ employees
- ISO 9001 / 14001 / 45001



### ENGINEERING

- 12 mechanical engineers
- 8 electrical engineers
- 6 firmware / edge-AI engineers
- In-house EMC chamber
- In-house IP66 water-test rig



### FIELD SUPPORT

- 24/7 multi-language helpdesk
- Field engineers in EU / MEA / APAC
- 5-year hardware warranty
- OTA firmware updates lifetime
- Spare parts 10-year guarantee



## GLOBAL FOOTPRINT

# WHERE WE'VE LIT UP THE WORLD

60+ countries • 2,400+ poles installed • 4 continents • multilingual support.



**2,400+**  
POLES INSTALLED  
*and counting*

**60+**  
COUNTRIES SHIPPED  
*since 2014*

### CERTIFICATIONS & STANDARDS

 <b>CE</b> European Conformity	 <b>RoHS</b> Hazardous Substances	 <b>FCC</b> US Federal Comms
 <b>IEC 62133</b> Battery Safety	 <b>IEC 61400-2</b> Small Wind	 <b>IEC 61646</b> CIGS Thin Film
 <b>IK10</b> Impact 20J	 <b>IP66</b> Dust + Water Jet	 <b>EN 1176</b> Playground Safety
 <b>ISO 9001</b> Quality	 <b>ISO 14001</b> Environment	 <b>ISO 45001</b> Occupational H&S

Certifications updated quarterly • full documentation available on request • [solartodo.com/certs](https://solartodo.com/certs)



FUTURE LIVING 2026 — END OF CATALOGUE

# *The Moon, On Demand.*

From a single coastal pole that survives a typhoon to a 30-metre heritage monument that tells a city's story — every SOLARTODO smart pole is built in the same Jiangsu factory, by the same engineers, with the same obsession for harsh-environment reliability.

Engineered in Jiangsu, China. Shipped to 60+ countries.  
Lit by sun, wind, and a little moonlight.

INQUIRE · GLOBAL B2B HEADQUARTERS

## B2B Inquiry

Global response within 24 hours



Email: [cinn@solartodo.com](mailto:cinn@solartodo.com)



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Jiangsu Province · China



Scan to email