

ASUS MAAS

SMART PARKING SYSTEM SOLUTIONS



ROADSIDE ALPR BOLLARD

 ALPR  PAYMENT  OCCUPANCY DETECTION

ROADSIDE ALPR BOLLARD



ALPR
 PAYMENT
 OCCUPANCY DETECTION



SPECIFICATION AM-M-01A / AM-M-02A

SIZE

Dimension (WxDxH)	28 X 32 X 79 cm
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ELECTRICAL

AC Input Rating	AC 90~240V, 50/60Hz
DC Input Rating	DC +40~+50V
License Plate Recognition Accuracy	>95%
LED Indicators	7 colors
Network Interface	4G LTE Cat.4 / RJ45 1 Gbps ethernet
NFC	Supports NFC unlock for maintenance

OPTIONAL

E-Paper	E-paper for real-time parking fees
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ENVIRONMENT

Operation Temperature	-20°C~70°C
Operation Humidity	10%~95% relative humidity, non-condensing

CAMERA






Number Of Cameras	1
Field Of View	D:94.7° /H:80.2° /V:43°
Camera Pixels	2M pixels
Resolution	1920 x 1080 pix
File Formats	JPEG
Monitored Spaces	1

ASUS MAAS

EMPOWERMENT FOR SMART CHARGING



ALL-IN-ONE EV CHARGER

-  ALPR
-  PAYMENT
-  EV CHARGING
-  OCCUPANCY DETECTION
-  INDICATOR LIGHT

ALL-IN-ONE EV CHARGER



ALPR



PAYMENT



EV CHARGING



OCCUPANCY DETECTION



INDICATOR LIGHT



SPECIFICATION AM-P-01A

SIZE

Dimension (WxDxH)	28 X 31 X 140 cm
Charging Cable Length	5.3 m

DISPLAY PANEL

Resolution	1024 X 600 pix
Brightness	1000 nits
Dimension	15.7 X 9 cm
Input	PCAP multi-touch

REGULATION

Charging Connector	SAE J1772 Type 1
Certification Compliance	CNS 15511-1 (Safety), CNS 15511-21-2 (EMC)

PROTECTION

Leakage Current Protection	RCD Type A (30mA)
Input	UVP, OVP, Surge protection, Ground fault
Output	OCP, Control pilot fault, Residual current protection
Internal	Over temperature, relay welding detection, MCU error detection

COMMUNICATION

Protocol	OCPP 1.6 JSON
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ELECTRICAL

AC Input Rating	Single phase, 220+/-10%, VAC, 50/60Hz
Wire Connection	L1/L2/PE or L/N/PE
Max. Input Current	48A
AC Output Power	11.5KW (Max.)
Network Interface	4G LTE / ethernet

ENVIRONMENT

Operation Temperature	-20°C~+50°C
Non Operation Temperature	-40°C~+80°C
Humidity	< 95% relative humidity, non-condensing
Altitude	< 2000m
Cooling System	Passive

CAMERA

Camera Specification	2MP camera with automatic license plate recognition
License Plate Recognition Accuracy	> 95%
Coverage	1 parking space

EV CHARGER 11KW

🔑 CARDLESS UNLOCK 📶 EMS

💳 PAYMENT 🚗 EV CHARGING



SPECIFICATION AM-P-02A / AM-P-03A

SIZE

Dimension (WxDxH)	18 X 10 X 38 cm
Charging Cable Length	5.3 m

LCD PANEL AM-P-02A AM-P-03A

Resolution	800 X 600 pix	No LCD panel
Brightness	300 nits	No LCD panel
Dimension	10.8 X 8.5 cm	No LCD panel

REGULATION

Charging Connector	SAE J1772 Type 1
Certification Compliance	CNS 15511-1 (Safety), CNS 15511-21-2 (EMC)

PROTECTION

Leakage Current Protection	RCD Type A (30mA)
Input	UVP, OVP, Surge protection, Ground fault
Output	OCP, Control pilot fault, Residual current protection
Internal	Over temperature, relay welding detection, MCU error detection

COMMUNICATION

Protocol	OCPP 1.6 JSON
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ELECTRICAL

AC Input Rating	Single phase, 220+/-10%, VAC, 50/60Hz
Wire Connection	L1/L2/PE or L/N/PE
Max. Input Current	48A
AC Output Power	11.5KW (Max.)
Network Interface	WiFi / ethernet

ENVIRONMENT

Operation Temperature	-30°C~+50°C
Non Operation Temperature	-40°C~+80°C
Humidity	< 95% relative humidity, non-condensing
Altitude	< 2000m
Cooling System	Passive

CAMERA

Camera Specification	No Camera
License Plate Recognition Accuracy	No Camera
Coverage	No Camera