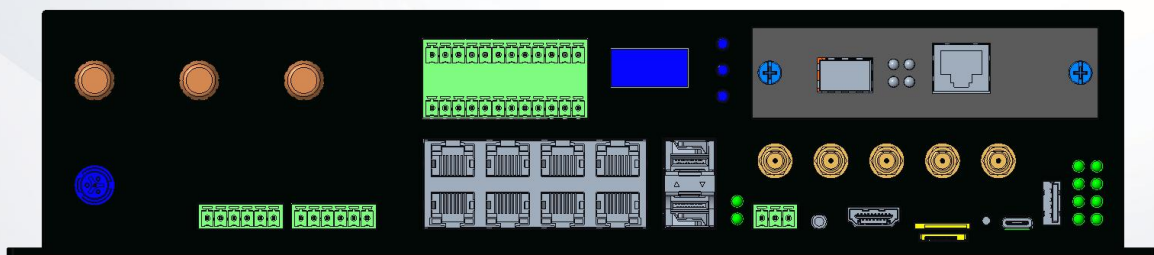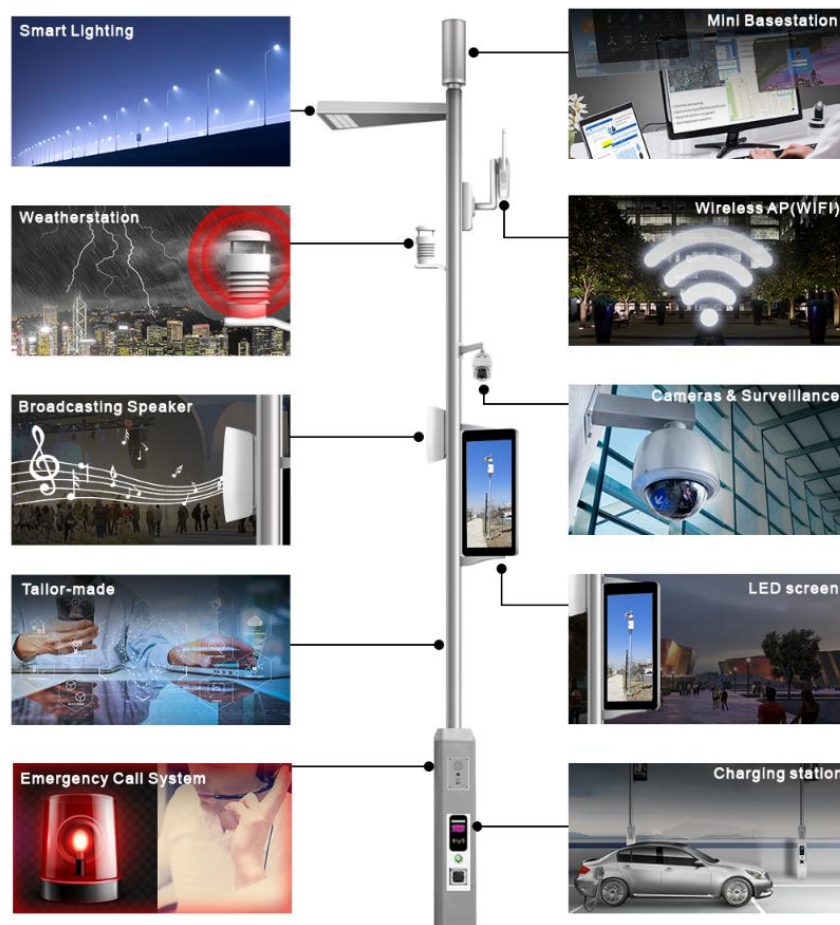# LA-GWAI-Z

Smart Light Pole Gateway

Features

- Industrial-grade AIOT main control chip
- Quad-core Cortex-A7 processor @1.2GHz clock
- Support eMMC memory and TF card expansion storage
- Expansion supports 4~16 RS485/RS232 interfaces
- 8-port full gigabit non-blocking switching, all support POE
- Standard HDMI output and 3.5mm audio output
- Support 4G/5G/WIFI
- Support GPS/Beidou positioning, Lora, Zigbee
- Support an expansion card slot, which can expand AI functions (customized functions)
- All front-facing outlets are easy to install and maintain
- Dimensions (LxWxH): 310x130x70mmSupport bt 60W High Power

Specifications

Processor	Quad-core Cortex-A7 processor @1.2GHz clock

Lanbras

DRAM	8GB
FLASH	4GB
External Storage	Support TF expansion card
Real-time Clock	Support backup battery for more than 3 years
Operating Temperature	-40~75℃
Installation Method	Wall-mounted ear mounting
Power Input	AC100-240V 50/60HZ
LAN Interface	8 channels 10/100/1000M
SFP Interface	2 channels 1000M fiber
AC Output	Support 3 channels AC outputs
DC Output	Supports DC12V and DC24V 3 channels outputs each
POE	Support AF/AT mode
RS485/S232	4 channels (expandable to 16 channels)
Uplink	Support WIFI/4G/5G
Downlink	Support Lora/Zigbee
Switching Value	2 channels DI, 1 channel DO
Analog	Support
USB	Support USB HOST
HDMI	Support
Audio Interface	Support
BDS/GPS	Support
Display Screen	Support OLED display screen
Reset	Support
Power-off Alarm	Support
Data Retention	Local data: over 48 hours, alarm data: over 120 days
AI Analysis	Support AI expansion card
Cloud Edge Collaboration	Support event linkage
Northbound Protocol	Support HTTP/MQTT/WebSocket
Southbound Protocol	Support Modebus/MQTT

Application

Ordering Information

PART NO.	DESCRIPTION
LA-GWAI-Z	Smart Light Pole Gateway

https://www.lanaotek.com ☆

Specifications & design are subject to change without prior notice.

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