

AGV Industrial Wi-Fi Client

TL-CPE1300D

ATOMBOTIX



Advanced 11AC Technology



Wireless speed up to 1267Mbps

Enhanced Roaming Technology



Millisecond-level Seamless Roaming, Optimized for AMR/AGV Industry

Compact Steel Shell



Durable, efficient heat dissipation

Easy Maintenance



Standard DIN rail/wall mounting

Dual-band (2.4GHz + 5GHz)



Concurrent connectivity for reliable communications

High Standard Industrial Protection Design



IEC/EN 61000-4 suitable for harsh environments

Model	TL-CPE1300D
Protocol Standard	IEEE 802.11a/b/g/n/ac, IEEE 802.11i, IEEE 802.3u, IEEE 8023ab, IEEE 802.11n
Structure	IP30 protection level, supports triple anti-coating protection Product size: 116×76×26 mm (excluding antenna) Steel housing Standard DIN rail/wall mounting DIN rail clips and wall mounts are provided
Wireless	2.4GHz band: 400Mbps 5GHz band: 867Mbps
Working Frequency Band	2.4GHz:2412MHz - 2472MHz 5GHz:5180MHz - 5825MHz *Available channels may vary depending on the regulations of the selected country
Port	2 10/100Mbps RJ45 ports 1 RS-232/422/485 DB9 serial port 1 pair of DC terminal power supply interface (V+, V-) 2 RP-SMA antenna interfaces 1 grounding port
Antenna	2 external dual-band detachable 3dBi omnidirectional antennas, incl. in the package

Antenna Coverage Angle	360°
Indicator Lights	1 SYS system indicator light
	2 LAN port indicators
	1 WLAN wireless status indicator
	1 Serial port indicator
	All types of lights are displayed on both ends of the product
Button	1 RESET button
Power Supply	DC Input: 12/24/48VDC(9 - 60VDC)
	Current Input: 1.5A(max)
	Support reverse connection protection
Max. Power	13.4W
Management	Web page self-management
	TP-LINK commercial network cloud platform centralized management
Usage Environment	Working temperature: -40°C - 75°C
	Working humidity: 10% - 90%RH non-condensing
	Storage temperature: -40°C - 85°C
	Storage humidity: 5% - 90%RH non-condensing
Max. Transmit Power	2.4G: 26dBm
	5G: 25dBm
MTBF	Time: 2,192,553 hours
	Standard: Telcordia SR-332
Certification	CE, SRRC
	IEC/EN 61000-4-2(ESD), Level 4
	IEC/EN 61000-4-3(RS), Level 4
	IEC/EN 61000-4-4(EFT), Level 4
	IEC/EN 61000-4-5(Surge), Level 4
	IEC/EN 61000-4-6(CS), Level 3
	IEC/EN 61000-4-8, Level 5
IEC/EN 61000-4-9, Level 5	
Software Specifications	
Wireless Capabilities	Working mode: Client, Client-Router (access to wireless network)
	Quick Setup Wizard: Support
	Enhanced roaming: Support
	Wireless encryption: WPA, WPA2, WPA-PSK, WPA2-PSK
	Transmit power setting: Support 1dBm linear adjustment
	Serial port function: Support TCP Server, TCP Client, UDP mode
	Hotspot function: Support
	Wireless Redundancy: Support
System Management	Equipment management: Full Chinese WEB management
	System log: Support
	Restore factory settings: Support
	Backup configuration: Support
	Import configuration: Support
	Software upgrade: Support
	Ping watchdog: Support
Overseas channel adaptation: Support	
Client-Router Network	DHCP server: Support
	Static address allocation: Support
	NAT: Support
	Static routing: Support

