



300 Mbps OUTDOOR WIRELESS

Connecting the world everywhere!



HIGH SPEED

300 Mbps bandwidth



STRONG PERFORMANCE

Simultaneous accesses up to 30 users



COVERING FOR LARGER AREA

600 meters distance with RF management



PTP & PMP FUNCTION

Backhaul creation

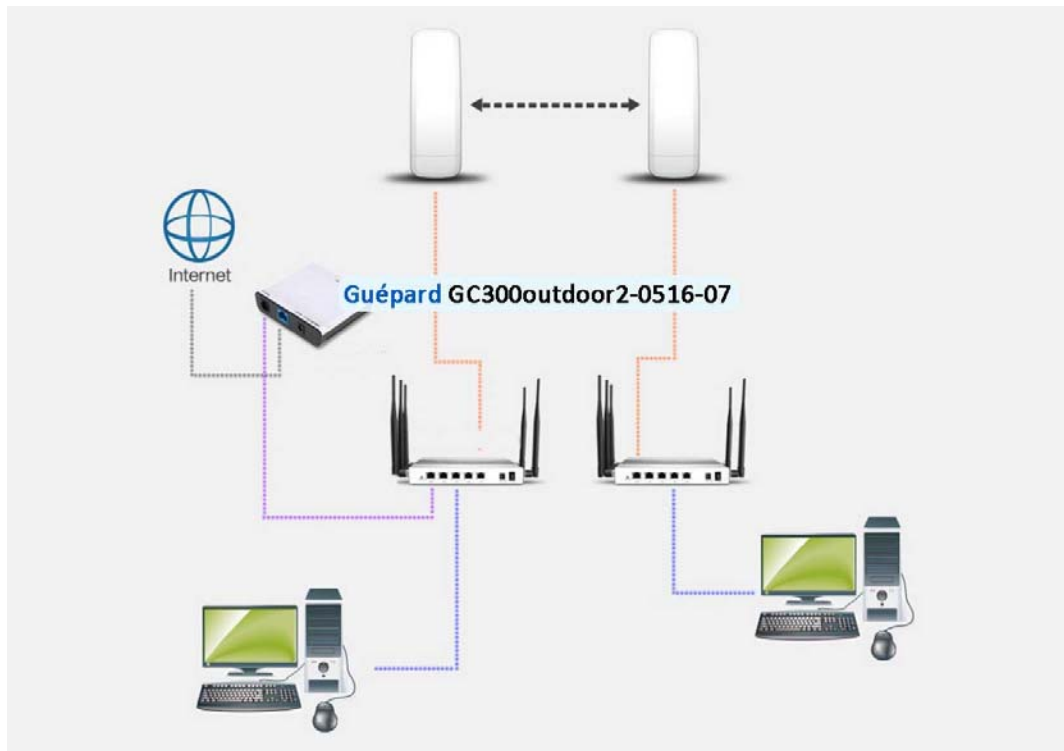


EXTENDED WARRANTY

12 months + 6 months extended warranty policy



EUROPEAN TECHNOLOGY



USING MULTI-PURPOSES

			
HOSPITALITY	PUBLIC	GENERALITY	FACTORY

Guépard GC300outdoor2-0516-07

Guépard GC300outdoor2-0516-07 is a 300Mbps high power outdoor CPE/AP. Comply with IEEE 802.11b/g/n standard, adopt MediaTek chipset, high gain antenna, high power, the transmit/receive wireless distance can be 1,500 meters.

It support Wi-Fi Repeater, WISP operation mode, receive Wi-Fi signal from long range beside that, it support gateway, wireless AP operation mode for outdoor wireless coverage.

Guépard GC300outdoor2-0516-07 with ABS waterproof, dust-proof and sunscreen shell, high temperature adaptive and board protective. Meantime, it supports Power over Ethernet, support passive non-802.3af PoE, easy in setup even no power socket nearby. With LED light show signal strength, easy to find a suitable place for outdoor CPE, saves much human work and cost. With water proof case, it is best choice for outdoor Wi-Fi projects.

HARDWARE	
Chipset	MediaTek
RF	300Mbps comply with IEEE 802.11N standard
Memory	512 Mb DDR2 RAM
Flash	64 Mb
Interface	2 x RJ-45 for 10/100 Mbps WAN/LAN Port (Support 12V/24V PoE)
	1 x Reset button (Reset & Factory Defaults)
	1 x Power DC Jack
Power	12V(POE 12V/24V)/1A; 110V/220V
Antenna	Panel Antenna (60° Sector)
LED Light	POWER/WIFI/WAN/LAN S1(GPIO9)/S2(GPIO14)/S3(GPIO11)/S4(GPIO12)
Size	L 25.7cm x W 8.7cm x H 3.8 cm
RF (Radio Frequency)	
Frequency	2.4~2.4835GHz; 802.11b/g/n
	The supported frequency band is restricted by local regulations. Accordant with technical standard of U.S.(FCC), Europe (ETSI), Japan and Korea (in covering 2.400 to 2.4835 GHz).
Modulation	OFDM = BPSK,QPSK, 16-QAM, 64-QAM
	DSSS = DBPSK, DQPSK, CCK
Throughput	300 Mbps
RF MANAGEMENT	
Strong RF with Wi-Fi coverage 60° sector and 600 meters distance (AP mode) ~ 18,8 ha ² area in line of sight environment or 100 meters distance same as 5,233 m ² area in non-line of sight environment (Max walls to penetrate: 2-3 walls). Or (PTP/PMP) backhaul creation as CPE device with 1,500 meters distance in line of sight environment.	

FIRMWARE	
Operation Mode	Gateway/ AP/ Repeater
Protocol/Standard	IEEE 802.3 (Ethernet)
	IEEE 802.3u (Fast Ethernet)
	IEEE 802.11 b/g/n (2.4G WLAN)
Wireless	Auto-Channel selection
	Distance Control (802.1x Ack timeout)
	Multiple SSID (4 SSID)
	BSSID
Security	WEP Encryption - 64/128/152 bit
	WPA/WPA2 Personal (WPA-PSK using TKIP or AES)
	WPA/WPA2 Enterprise (WPA-EAP using TKIP)
	Hide SSID
MANAGEMENT	
System Settings	Web-based configuration (HTTP/Telnet)
Firmware Upgrade	Upgrade firmware via web browser or TFTP
Administration	Admin Password can be configured
System monitoring	Status in hand, useful statistic and Event log
Logs	Supports local logs, logs host, logs file export
Reset	Reset or factory defaults
Backup	Restore settings & configuration of the device to local file
Centralized management <i>(for many APs: to 200 pcs)</i>	Centralized management ability over AP Controller (Guépard AC3000/GAPC-0516-07). Max: 200 APs
PHYSICAL PROPERTY	
Temperature	Working: 0°C~55°C/ Storage: -20°C to 70°C
Humidity	5%~95% (typical)
TECHNOLOGY & QUALITY	
EUROPEAN TECHNOLOGY / 100% PRODUCTS CHECKED BEFORE SHIPMENT/ 18 MONTHS WARRANTY POLICY	
ASSEMBLE IN CHINA	
PACKAGE	
Guépard GC300outdoor2-0516-07/ PoE Adapter/ User Manual/ LAN Cable/ Ring mount kit	

Recommended: user should usual keep away from running AP at least 2-5 meters.