300 Mbps OUTDOOR WIRELESS

Connecting the world everywhere!

Guépard GC300outdoor2-0516-07
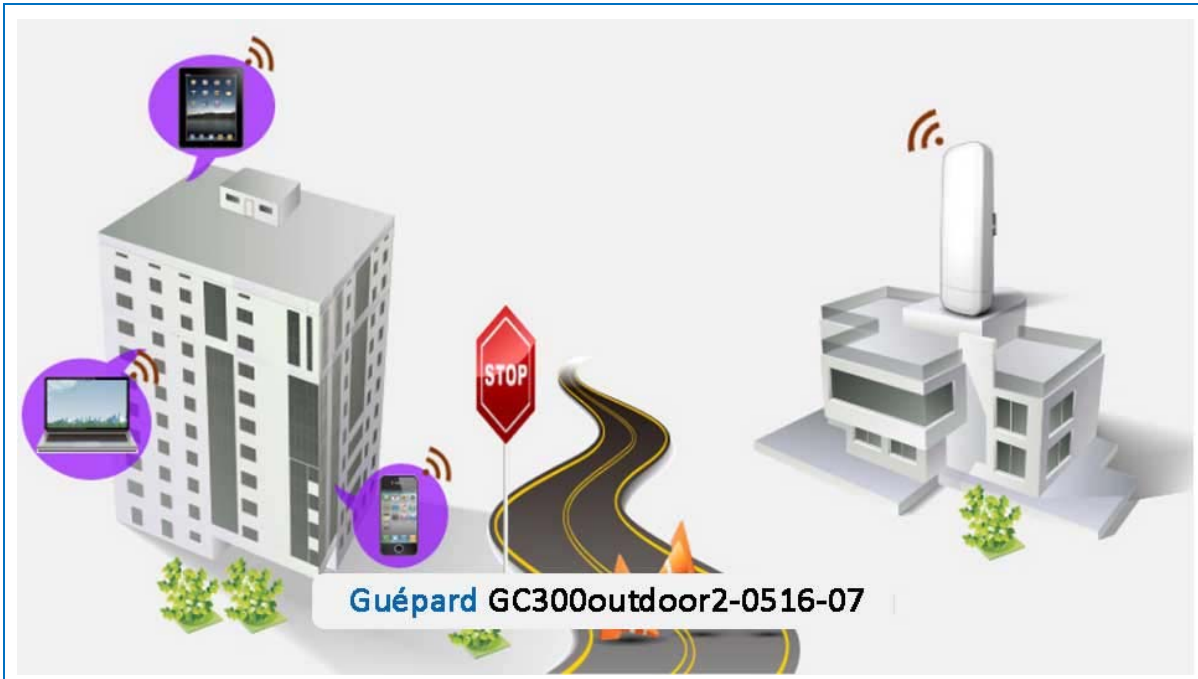
EUROPEAN TECHNOLOGY

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.

HOSPITALITY	PUBLIC	GENERALITY	FACTORY

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AP function and application

Guépard GC300outdoor2-0516-07

AP MODE

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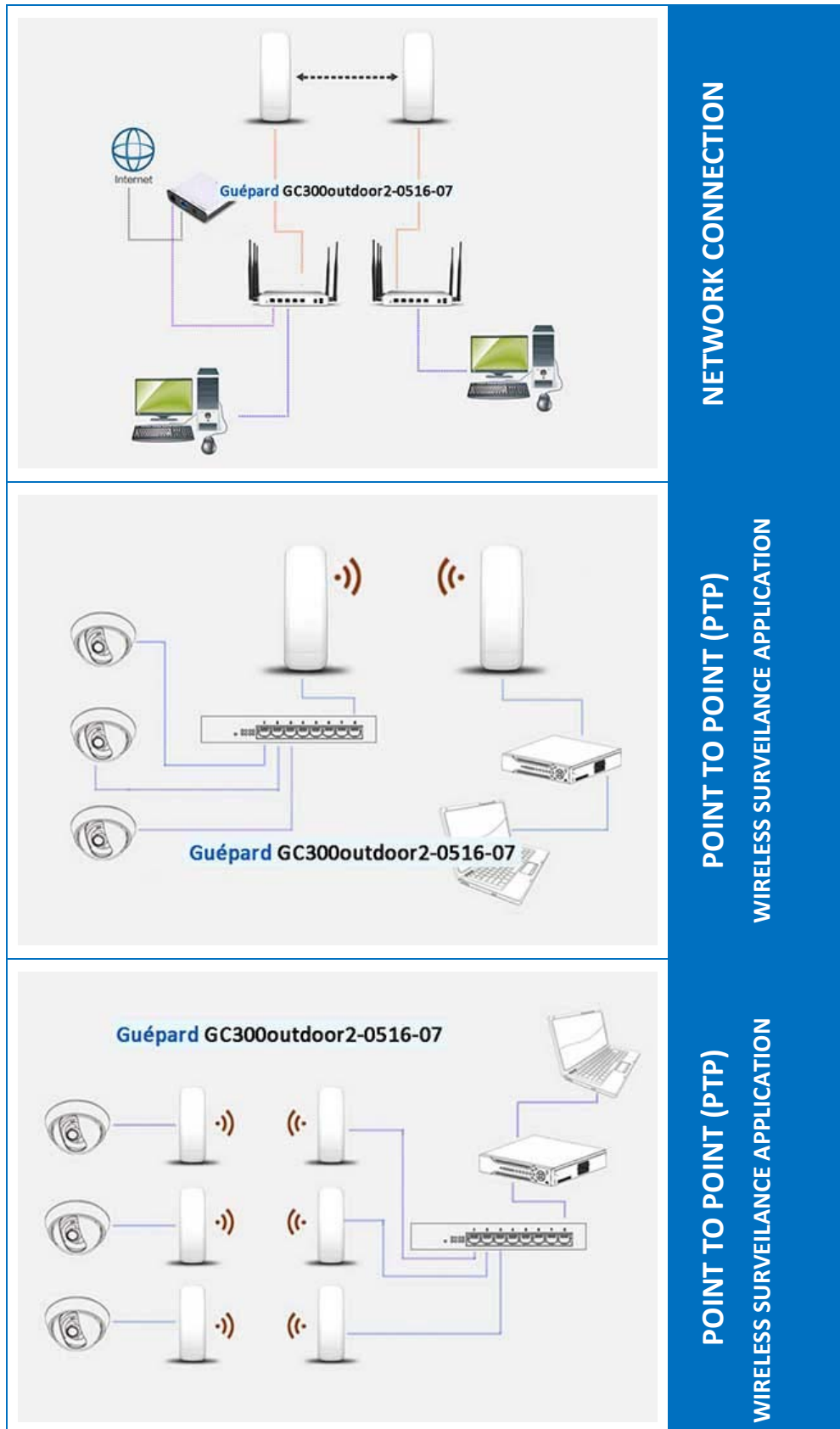
CLIENT MODE

Guépard
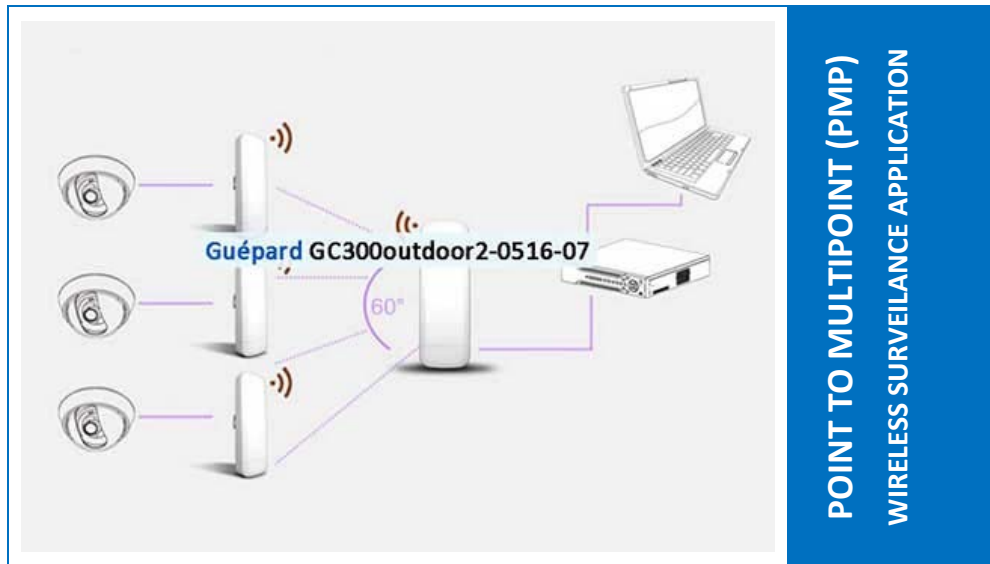Connecting the world faster!

Business solution diagram

NETWORK CONNECTION

POINT TO POINT (PTP)
WIRELESS SURVEILANCE APPLICATION

POINT TO POINT (PTP)
WIRELESS SURVEILANCE APPLICATION

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POINT TO MULTIPOINT (PMP)
WIRELESS SURVEILANCE APPLICATION

Specification

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	14dBi Panel Antenna
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

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RF MANAGEMENT

Strong RF with Wi-Fi coverage 60^0 degree 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 *(for many APs: to 200 pcs)*	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.

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