300 Mbps CEILING ACCESS POINT *New release*

QUALCOMM®
Professional Qualcomm Chipset

HOSPITALITY	HOME	PUBLIC	GENERALITY	FACTORY

Guépard GC300N *new release*
ADVANCED TECHNOLOGY

Guépard GC300N *new release* is a best-in-class 802.11n indoor access point specific designed for business-class environments such as hotels, hospital, airports, coffee shops, shopping centers, sporting venues, and university campus. With transfer rates of up to 300Mbps in the 2.4 GHz frequency range, the device provides a symmetric level of service to all users who connect with legacy 802.11b/g adapters in addition to the latest 802.11n adapters for faster downloading and instant communication. Integrated Power over Ethernet (PoE) allows installation in areas where power outlets are not available. Integrated with 2X2 multiple-input, multiple-output (MIMO) antennas improve range and maximize data rates. Field tested cover radio frequency for 4-8 hotel rooms at an indoor operating distance of 20 meters and allow simultaneous accesses up to 60 clients.

HARDWARE*

Chipset *(MCU)*	**Qualcomm QCA9531**
RF	2T2R, 300Mbps MIMO tech, complied with IEEE 802.11b/g/N standard
Memory	64 MB DDR RAM
Flash	16 MB
Interface	2 x RJ-45 for 10/100 Mbps WAN/LAN Port (WAN support 48V IEEE 802.3af POE)
	1 x Reset button(Reset & Factory Defaults)
	1 x Power DC Jack
Power	DC 12V/1.5A AC 220V
Antenna	Build in 2PCS Omni 5dbi antenna
Size	186 mm x 186 mm x 30 mm

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 to 80 meters radius ~ 20,000 m^2 area in line of sight environment or 20 meters radius same as 1,256 m2 area in non-line of sight environment (Max walls to penetrate: 2-3 walls).

SOFTWARE

Operation Mode	**Gateway/ AP/ Repeater/WISP**
Standard Protocol	IEEE 802.3 *(Ethernet)* / IEEE 802.3u *(Fast Ethernet)*
	IEEE 802.1Q *(VLAN trunking protocol)*
	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	Encryption 128 bit
	Hide SSID

MANAGEMENT

System Settings	Web-based configuration

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Firmware Upgrade	Upgrade firmware via web browser or TFTP
Administration	Admin Password can be configured
Reboot	Manual reboot, scheduling reboot
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
Supports centralized management *(Up to 512 APs)*	Centralized management ability over Guépard AP Controller *(GAC3000, GAC7000, GAC9600).*

PHYSICAL PROPERTY

Temperature	Working: 0°C~55°C/ Storage: -20°C to 70°C
Humidity	5%~95% (typical)

TECHNOLOGY & QUALITY

ADVANCED TECHNOLOGY / 100% PRODUCTS CHECKED BEFORE SHIPMENT/ 24 MONTHS WARRANTY POLICY

ASSEMBLE IN CHINA

PACKAGE

GC300N new release complete set/ PoE Adapter/ LAN Cable/ Ceiling mount kit

NOTE:

* HARDWARE: With powerful hardware - **Guépard GC300N** *new release* have simultaneous accesses ability up to 60 clients surf internet (reading news, FB, G+, Twitter) or 30 video end users.

** RF MANAGEMENT: Guépard GC300N *new release* can be flexible for decreasing or increasing WLAN coverage (Ex: can be adjusted WLAN coverage from 10 meters to 80 meters and quantities of walls to penetrate). **Guépard GC300N** *new release* can be flexible to extend more Wi-Fi zone without wire-connected by repeater feature.

Recommended: user should usual keep away from running AP at least 1-2 meters.

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