300 Mbps CEILING ACCESS POINT

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Guépard GC300indoor2-0416-05

EUROPEAN TECHNOLOGY

Guépard GC300indoor2-0416-05 is a best-in-class 802.11n indoor access point designed specifically for business-class environments such as hotels, 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 an adequate level of service to all users who connect with legacy 802.11b/g adapters in addition to the latest 802.11n adapters for faster downloads and instant communication. Integrated

Power over Ethernet (PoE) allows installation in areas where power outlets are not readily available. Internally equipped with 2X2 multiple-input, multiple-output (MIMO) antennas improve range and maximize data rates. Field tested to wirelessly cover 8-10 hotel rooms at an indoor operating distance of 30-60 meters and allow simultaneous accesses by up to 60 users.

HARDWARE*	
MCU	MediaTek
RF	2T2R, 300Mbps MIMO tech , comply with IEEE 802.11N standard
Memory	512 Mb DDR 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	Build in 2PCS Omni 5dbi antenna
Size	16.8 x 4.5 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 to 60 meters radius ~ 11,304 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: 3-5 walls).

SOFTWARE	
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

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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 (AC3000/GAPC-0516-07).
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	
GC300indoor2-0416-05 complete set/ PoE Adapter/ User Manual/ 90mm LAN Cable/ Ceiling mount kit	

NOTE:

* HARDWARE: With power hardware - **Guépard GC300indoor2-0416-05** have simultaneous accesses ability up to 60 users surf internet (reading news, FB, G+, Twitter) or 30 video end users.

** RF MANAGEMENT: Guépard GC300indoor2-0416-05 can be flexible for decreasing or increasing WLAN coverage (Ex: can be adjusted WLAN coverage from 10 meters to 60 meters and quantities of walls to penetrate). **Guépard GC300indoor2-0416-05** 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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