

# COMFAST®

## 300Mbps Outdoor 4G LTE Wireless AP



Qualcomm  
Chipset



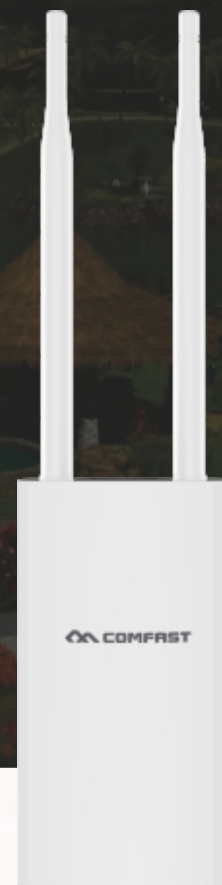
POE Power  
Supply



Lightning-proof



Rain-proof



**CF-E5**

Hardware Specification	Qualcomm, QCA9531+EC25; DDR: 64MB; Flash: 16MB; PA Chipset: 2.4G SKY85330-11 *2; Support for the maximum number of users: 90
Antenna	2.4GHz 5dBi Orientation Antenna; 4GHz 5dBi Orientation Antenna
Wireless Rate	2.4GHz: 300Mbps; LTE Cat4: 150Mbps(DL MAX) 50Mbps(UL MAX)
Physical Ports	2*10/100 LAN RJ45(Support DC24V POE power supply); 1*RESET Button; 1*Micro USB Port(Support DC5V2.5A supply); 1*Micro SIM Card holder
Indicator Light	Power \ WAN \ LAN \ WiFi \ 4G \ 3*Signal strength Light
Power	Power Supply:24V POE Power Supply(0-100m) / USB port power supply; Power Adapter:24V 0.5A POE Power Adapter;
Power Consumption	<12W
IP Index	Ip66 Level
MTBF	>250000H
Installation Way	Bracket-mounting / Pole-mounted
Case	ABS Material, Plastic Case
Physical Features	Size: 353*85*44mm
Working Environment	Working Temperature: -10°C~55°C; Storage Temperature: -40°C~70°C; Operation Humidity: 10%~90%RH Non condensing; Storage Humidity: 5%~95%RH Non condensing

## RF Parameters

### 2.4GHz WiFi Parameters

Output Power(Max): 200mW(23dBm);  
Receiving Sensitivity(Max): -96dBm;  
Frequency: 802.11b/g/n : 2.412GHz-2.482GHz;

### Ec20 Output Power

Class 4 (33dBm±2dB) for GSM850;  
Class 4 (33dBm±2dB) for GSM900;  
Class 1 (30dBm±2dB) for DCS1800;  
Class 1 (30dBm±2dB) for PCS1900;  
Class E2 (27dBm±3dB) for GSM850 8-PSK;  
Class E2 (27dBm±3dB) for GSM900 8-PSK;  
Class E2 (26dBm±3dB) for DCS1800 8-PSK;  
Class E2 (26dBm±3dB) for PCS1900 8-PSK;  
Class 3 (24dBm+1/-3dB) for WCDMA bands;  
Class 3 (23dBm±2dB) for LTE-FDD bands;  
Class 3 (23dBm±2dB) for LTE-TDD bands;

### Ec25 Working Frequency

GSM: 900/1800MHz;  
WCDMA: B1/B5/B8;  
LTE-FDD: B1/B3/B5/B7/B8/B20;  
LTE-TDD: B38/B40/B41;  
LTE/WCDMA receive diversity;  
GNSS1);  
Digital audio2);

### Ec20 Receiving Sensitivity

FDD B1: -98.0dBm (10M);  
FDD B3: -96.5dBm (10M);  
FDD B5: -98.0dBm (10M);  
FDD B7: -97.0dBm (10M);  
FDD B8: -97.0dBm (10M);  
TDD B20: -97.5dBm (10M);  
TDD B38: -96.7dBm (10M);  
TDD B40: -101.4dBm (10M);  
TDD B41: -99.0dBm (10M);  
WCDMA B1: -110.5dBm;  
WCDMA B5: -110.5dBm;  
WCDMA B8: -110.5dBm;  
TD-SCDMA B34: -110dBm;  
TD-SCDMA B39: -110dBm;  
CDMA BC0: -108dBm;  
GSM 900MHz: -109dBm;  
GSM 1800MHz: -109dBm;



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