



KS-4GC300E

300M Wireless N Compact 4G LTE Router

#Version 1.0 by Kosky

KS-4GC300E

Introduction



KS-4GC300E is the reliable good-performance 300Mbps wireless N 4G LTE router for sharing Wi-Fi signal wherever you want. Based on the 4G network KS-4GC300E is capable to satisfy the online demands of home or office small network with stable signal performance and wireless coverage. Under the 4G working modes LTE FDD can reach DL150Mbps/UL50Mbps and LTE TDD DL110Mbps/UL10Mbps. For Wi-Fi standard KS-4GC300E comply with 802.11b/g/n standard with wireless data speed upto 300Mbps and support maximum 32 connected devices without delay or drops. With built-in antennas KS-4GC300E has compact size and easy to place at wherever you would like and also there are SMA ports for connecting external antenna. At the same time the battery of 4000mAh or 18650 is optional to select for bringing more flexible applications and assure the continuous Wi-Fi connection with no worry of sudden power-off. In one word KS-4GC300E is the matured mainstream 4G CPE product for you to choose.

Highlights

- √ CAT4 LTE DL speed 150Mbps/UL speed 50Mbps and 802.11n Wi-Fi speed 300Mbps
- √ 1*10/100Mbps RJ45 port, 1*RJ11 port and 1*Nano/4FF SIM-card slot
- √ Easy configuration of SIM-card plug-and-play with strong compatibility
- √ Build-in LTE and Wi-Fi antenna about 3.5dBi with SMA port for external antenna connection
- √ Optional battery selection of 4000mAh or 18650 standard for selection
- √ Support WPS function of PBC and PIN for simple wireless configuration process
- √ Compact design for convenient placement and easy-to-use

Key Features

◆Matured and mainstream 4G LTE network

Support internet access upto 32 wireless devices and the download speed upto 150Mbps at LTE FDD mode.

◆Require to insert Nano SIM-card and plug-and-play

Strong comatibility of SIM-cards in most countries by customized 4G module so as to bring easy installation.

◆Cost-effective and good-quality components using

By adoptions of high-performance CPU with 512Mb DDR+512Mb Flash and LTE CAT4 4G module for stable and smooth operation status.

◆Support various cellular network modes

Support automatic and manual connection to the various network modes such as Atuo, LTE only, WCDMA only or GSM only.

◆Optional external antennas and battery design

SMA port for adding the external antennas for signal extension and the battery design is to keep continuous network access.

◆WPS function brings for simple wireless connection

WPS function makes the configuration process to establish a secure wireless home network be simple and quick-effective.

Specification

Product Information	
Model	KS-4GC300E
Dimensions	141.1*134.2*31.2mm
Specifications	
4G Network Type	LTE FDD/TDD, UMTS DC-HSDPA/HSUPA/WCDMA, GSM EDGE/GPRS
LTE Standard	3GPP Release 10
Frequency Band	B1/3/5/8/7/20/40/41/38
WCDMA	B1/5/8
GSM	900/1800MHz
Operation Modes	4G connection, router and AP
Wireless Standard	IEEE 802.11b/g/n
RAM	512Mb DDR
Flash Memory	512Mb NAND Flash
Interface	1*10/100Mbps WAN/LAN port
	1*10/100Mbps LAN port
	1*RJ11 port for Volte (Optional)
	One nano(4FF) SIM-card slot
Antenna	Built-in LTE/UMTS/GSM primary antenna
	Built-in LTE/UMTS secondary antenna
	Built-in WLAN 2.4G antenna
Power Input	DC 5V/2A
Power Consumption	<7W
Battery	4000mAh 18650 battery(Optional)
Button	1*Power button
	1*WPS button
	1*Reset(hidden) button
Security	1*power LED
	1*mode LED
	1*signal strength LED
	1*Wi-Fi LED
	1*LAN LED

Wi-Fi Frequency	2.4~2.4835GHz
Modulation Mode	11b: DSS CCK@5.5/11Mbps, DQPSK@2Mbps, DBPSK@1Mbps
	11g: OFDM 64QAM@48/54Mbps, 16QAM@24Mbps, QPSK@12/18Mbps, BPSK@6/9Mbps
	11n: MIMO-OFDM BPSK, QPSK, 16QAM, 64QAM
Transmission Speed	11b: 1/2/5.5/11Mbps
	11g: 6/9/12/18/24/36/48/54Mbps
	11n: upto 300Mbps
Receiving Sensitivity	11b: <-84dbm@11Mbps
	11g: <-69dbm@ 54Mbps
	11n: HT20<-67dbmHT40: <-64dbm
Security	WPA/WPA2
Management	WEB remote management
Others	
Operating Temperature	0℃ ~ 40℃
Storage Temperature	-20℃ ~ 60℃
Operating Humidity	5%~95%RH non-condensing
Storage Humidity	5%~95%RH non-condensing
Default Login Username	admin
Default Login Password	admin
Certifications	CE/FCC

Packaging List

Material	QTY
KS-4GC300E	1
Ethernet Cable	1
QIG	1
Power Adapter	1

Relevant Useful Products

Model	Description
KS-WA300	300M Wireless N USB Adapter
KS-N304E	300M Desktop Wireless N Router
KS-WE1200	1200M Dual-band Wireless Extender

Note: For more information about the recommended products you can check our website or freely contact our product R&D team by E-mail: support@koskyglobal.com

Exceed Your **Expectation**



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