MATCH
LB-LINK
W o n d e r f u l , E v e r y D a y

4G ROUTER
WITH SIM CARD

BL-CPE450H

FEATURES

300Mbps fast speed | Wider coverage with Four 5dBi high-gain antenna | Auto switch between sim card and WAN port | 32 devices can connect simultaneously

64Mb DDR3 SD RAM | Auto Configuration with sim Card | 3 in ONE 4G Router Repeater Range Extender

TECHNICAL SPECIFICATION

CPU	MT7628DA /580MHz
DRAM/FLASH	64MB DDR2/8M SPI
Interface	2x Rj45 10M/100M LAN Ethernet interfaces, 1 x Rj45 10M/100M WAN Ethernet Interfacs
	1x Reset, 1x Power jack 12V 1A, 1x SIM (Standard)
Antenna	2.4G 802.11N.2T2R 4G. 2T2R
Gain	2.4G 5dBi 4G1-4Dbi
Range	2.4-2.4835GHZ
LED	SYS
Transmit Power	11b : 1/2/5.5/1Mbps, 11g: 6/9/12/18/24/36/48/54/Mbps, 11n : 300Mbps MAX
Spread-spectrum technique	DSSS
Data Encryption	WPA-PSK-WPA2-PSK
Modulation type	11b: CCK, QPSK, BPSK, 11g: OFDM, 11n: QPSK, BPSK, 16-QAM, 64-QAM ,
Media access protocol	CAMA/CA with ACK
RF Power	11b: 18±1.5dBm@1-, 11Mbps 11g: 16+,1.5dBm@6-54Mbps, 11n:15±1.5dBm@6-54Mbps
Receiver Sensitivity	11b:-95dBm@1Mbps,-89dbm@11Mbps,
	11g: -92dBm@6Mbps,-72dbm@54Mbps,
	11n: -85dBm@MCSO,,-70dbm@MCS7,
	-86dBm@MCS8,-68dbm@MCS15,,
4G Modulation type /GNSS	GPS, GLONASS, BeiDou / Compass, Galileo, QZSS
	GNSS function
4G module RF Power	Class 4 (33dBm±2dB) for GSM850
	Class 4 (33dBm±2dB) for EGSM900
	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 EGSM900 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

TECHNICAL
SPECIFICATION

LTE Character	Support 3GPP R8 non-CA cat 4 FDD
	Support 1.4MHZ-20MHZ RF bandwidth UL support MIMO
TD-SCDMA Character	Support CCSA release 3 TD-SCDMA
	DL (MAX) 4.2Mbps
	UL (MAX) 2.2Mbps
Software Specifications	
Software Function	Access mode
	- Router mode, 4G mode, Router+4G, Repeater
	Basic setting
	- WAN setting, LAN setting, Mac clone, DNS, 2.4G WiFi setting
	- 2.4G guest network setting, 2.4G channel setting
	- 2.4G signal strength setting, 2.4G channel optimization
	Advance setting
	- Black list setting, Bonding list, Children protection list
	- Web blacklist, Modify administrator password
	-QoS

What does WAN to 4G Auto Switch mean?
BL-CPE450H router switches to 4G network automatically within 1 minute
when the WAN is down for any reason. When the broadband WAN is back
up, it switches back from 4G to broadband. It is an important feature required
to avoid excessive downtimes particularly when working from home.

WAN to 4G Auto Switch