

MaxComm

4G CAT.4 CPE WIFI ROUTER WITH BATTERY
SUPPORT FAILOVER FUNCTION

MODEL : WR-144

MAKE A BETTER LIFE

MAXCOMM CO., LTD

Cat1

IOT

5G

4G+

NB



CAT 4 CPE



WR-144 External antenna, ONE RJ45 Port One RJ11 Port

User Interface

SIM	•3FF SIM Slot x 1
LED	•Signal strength : 3 Green LEDS;Power:Blue;WIFI:2.4G Blue ; Net type(4G/3G):R+B;LAN : Blue
LAN	•RJ45*1*100M
Button	•Restore(WPS);Power

Electrical & Mechanical

Dimensions	• 122 x 105 x 45.5 mm
Weight	• TBD
Battery	• NA
Temperature	• Operating Temperature: 0°C ~ 45°C • Storage Temperature: -20°C ~ 65°C
Humidity	• 5% ~ 95%

Hardware feature

Standard	• 802.11 b/g/n
Frequency Range	• 2412~2484 MHz (CH 1-13)
Security	• WEP 64,WEP128, WPA-PSK,WPA-PSK2

Physical Layer

Standard	• 3GPP Release 9 • UE Category 4
Data Rate	• FDD-LTE: DL: 150 Mbps / UL: 50 Mbps • TD-LTE: DL: 112 Mbps / UL: 10 Mbps
Frequencies	• LTE: B1,2,3,4,5,7,8,12,13,17,18,19, 20,26, 28,66,38,39,40,41 (Customized) • WCDMA: B1/2/4/5/8 (Customized)
Output Power	• GSM: NA
Modulation	• 23±2 dBm • DL: QPSK / 16QAM / 64QAM • UL: QPSK / 16QAM
Rx Sensitivity	• TDD-LTE Typical:-100 dBm(10MHZ)
LTE Antenna	• FDD-LTE Typical:-100 dBm(10MHZ)
External Antenna	• 1Tx/2Rx • support

Certification & Package Contents

CE	• Comply
Device	• x1
Power adaptor	• x1
LAN cable	• x1

CAT 4 CPE



User Interface

INPUT	• DC JACK
OUTPUT	• Φ 5.5mm output male ,150mm long
LED	• 3 Blue LEDS;
Button Key	• 1 Battery supply enable button

Electrical & Mechanical

Dimensions	• 95.6 x 48.5 x 41. 3 mm
Weight	• 175g
Battery	• <u>4400mAh@3.7V</u>
Temperature	• Operating Temperature: -10°C ~ 55°C • Storage Temperature: -20°C ~ 65°C
Humidity	• 5% ~ 95%

Parameters

Voltage IN	• DC 12V $\pm$ 10%
Current Input	• 1.0 - 1.5A
Voltage out	• DC 12V $\pm$ 10%
Current out	• Max 1.5A @12V DC supply; 1.0A@Battery supply
Usage	• 4 hour for Cat 4 CPE, 2 hour for Cat 6 CPE @4400mAh

LEDs & Button Discription



- Steady on: Battery supply 12V-output
- Off: Battery doesn't supply 12V-output



- Steady on: 12V DC input indication
- Off: 12V DC input NA



- Steady on: Low battery reminder
- Off: Enough battery power



- On: Enable battery output, 12VDC INPUT is effective first
- Off: Turn off battery output

Certification & Package Contents

GBT35590-2017	• Comply
UN38.3	• Comply

THANK YOU

