

# FC1020

## 3G Femtocell Residential AP & Router



### Features

- Support 8 simultaneous calls
- HSPA performance: up to 14.4Mbps downlink & 5.7Mbps uplink
- Interference management: fully automatic: real-time cognitive radio
- 1 WAN (Option: 1LAN)
- FC1021: 11n +4 LANs+USB
- Option: GPS

### Overview

The 3G Femtocell Access Point (FAP) for residential enables outstanding mobile coverage at home, rapid download for multimedia content, and significantly enhanced battery life. For mobile operators, this is a cost effective way of increasing the network coverage and capacity in homes where a large percentage of mobile phone usage occurs while also offload data traffic from the macro network.

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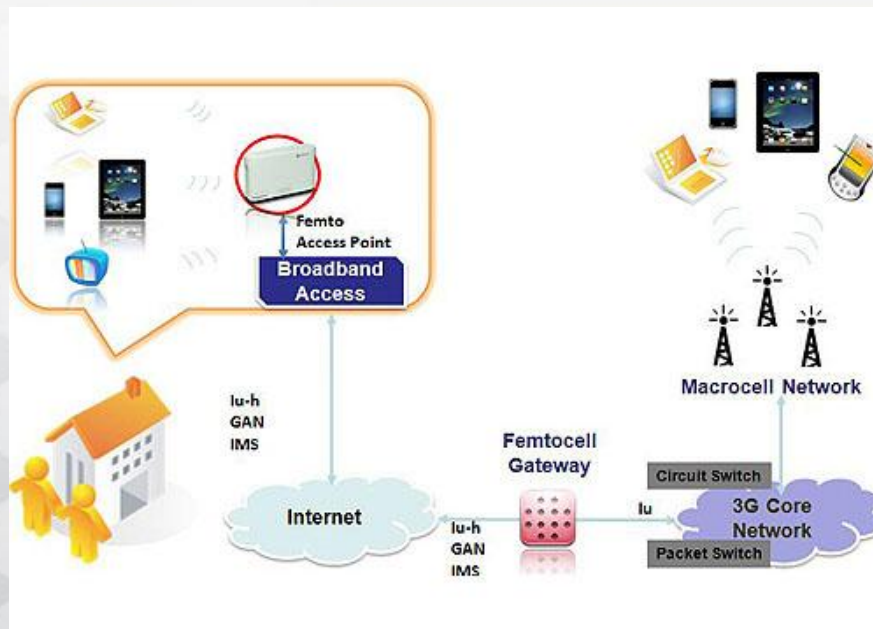
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### Specifications

#### Standards

- IETF SIP V2 (RFC3261)
- UMTS operating and network listen band options
  - Band I (2100) EU
  - Band II (1900) & Band V (850) (US)
- GSM network listen band options
  - Band III (1800) & Band VIII (900) (EU)
  - Band II (1900) & Band V (850) (US)
- Maximum transmit power UMTS: +10 dBm
- Core network interface: GAN, SIP, 3GPP Iuh and IMS
- Network connection security: IPSec
- Device security & authentication: Certificate or SIM
- Remote device management: DSL Forum TR-069
- Ethernet WAN, DC power, LEDs, reset and on/off switch
- Optional for PoE, GPS, SIM, UMTS/GSM/GPS antenna ports
- Wall & desk mount, plenum space mount



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