



## IP DECT Multi-Cell Enterprise

<b>Base Station</b>	<b>miMCB8663W</b>
<b>Repeater Wireless</b>	<b>miMCR4024W</b>
<b>Black Handset with Blue Tooth</b>	<b>miMCT385</b>
<b>White Handset with Blue Tooth</b>	<b>miMCT8633W</b>
<b>Gang Charger Black Handset</b>	<b>miMCGC-4</b>
<b>Battery 2 Gang Multi-Cell</b>	<b>miMCGB-2</b>
<b>Battery 8 Gang Multi-Cell</b>	<b>miMCGB-8</b>



### IP DECT Multi-Cell Enterprise Solution

- Up to 1,000 base stations
- Up to 4,000 handsets
- DECT and LAN synchronization
- No DECT manager required
- Compatible to existing handsets
- Over-the-air software updates for handsets
- Repeater support
- PoE and power adapter support
- TLS encryption
- DSP module support
- Wall/Ceiling mountable bracket
- Local, XML and LDAP phone book support

#### Handset Features

- HD audio support (G.722)
- 2" TFT display, 176 x 220
- IP65 compliant
- Ruggedized design
- Dedicated Panic Button on top of the handset
- Man-down support
- Ambient noise reduction
- Optional bluetooth for headset

### System Features

- DECT GAP / CAT-iq
- Wideband audio (HDSP) basic and extended
- 12 slot radio with up to 10 voice channels active
  - 10 audio channels using G.726 / G711 codec
  - 5 CAT-Iq wideband audio channels using G.722
- Scalable system from 1 to 254 bases in the same network
- 1000 subscriptions (max 1000 handsets)
- Power over Ethernet
- Over the air synchronization
- Support software download to wireless terminals
- LED status indication
- LDAP and/or XML phonebook support
- Seamless handover
- Auto/Remote provisioning

### Approvals

- EN 60950 - 1 (Safety)
  - IEC60950 - 1
  - CSA c-CSA-us or UL60950 - 1
- FCC part 15D, conducted & radiated
- FCC part 15B

# IP DECT **multiS cell** ACCESSORIES



## mi-MCGC-4 Unified Desktop & miMCGB-8 Battery 8 Gang Multi-Cell

Always charged, always ready battery pack chargers, wall-mounted rack chargers, desktop chargers. Just choose the right accessories to keep your handsets on the go.

Even with 1100mAh lithium battery which provides you 18h talk time a spare battery charging slot guarantees 24h support.

## mi-MCR4024W Professional DECT Repeater with Extended Call

Extend the range of your DECT Phone, Easy and Simple. A repeater can be deployed when a need to extend the range of a DECT telephone arises. The repeater can also be utilized wherever there is a need to increase limited coverage or improve reception in remote areas.

- Up to 3 repeaters per base station
- Wide band audio
- DECT encryption
- Automatic registration
- Max. 3 repeaters in daisy chain

### **Additional Features**

- 12 slot support
- Handling of 5 active narrow-band calls simultaneously
- Handling of 2 active wide-band calls simultaneously
- DECT encryption



## SPECS

### **SIP (Session Initiation Protocol)**

- SIPS
- RFC2833 In-Band DTMF/Out of band DTMF support
- RFC2976 The SIP INFO method
- RFC3261 compliance
- Digest/basic authentication
- RFC3263, DNS SRV redundant server support
- RFC3264 Offer/answer
- RFC3326 Header Field for SIP

### **DECT**

- Frequency band: 1880 MHz (DECT) - 1920 - 1930 MHz (5 carriers) US
- Four power levels (14, 17, 20 and 24 dBm)
- Seamless handover using connection handover
- Wideband voice (HDSP) Basic
- Interoperability, Phase I (CAT-iq 1.0)
- Authentication / encryption of base and handset