



coM.sat IMAG

- Modular system for voice and data communication
- With up to 14 UMTS-/GSM-Channels and/or VoIP-, BRI-, PRI- as well as analog-extension boards
- Free choice of SIM-Cards (depending on e.g. tariff and/or country)
- Remote control via web browser or telnet
- Call Detail Records (CDR) with integrated, graphical analysis
- Statistic function
- SIMLock / NetLock available
- HSDPA / HSUPA

Application:

When needing to convert or interconnect disparate networks such as PSTN, UMTS, GSM and NGN or to integrate or update distinctive systems such as PBX or IP Centrex, the coM.sat IMAG (Integrated Multichannel Access Gateway) is a particularly unique solution. Its singular kind of modularity has been designed to combine and enrich your communication experiences, where besides cost savings the intelligence of the connected networks and systems is maintained and the UMTS or GSM connectivity allows effective integration of mobility. Due to the fact that the carrier networks shifting more and more into IP environments, a whole new range of potential services emerges. Exactly here, the coM.sat IMAG - as a parallel communication, complementary or standalone system - offers true potential for operation in all kinds of different scenarios.

Features:

- Modular system with up to 14 UMTS/GSM channels and/or Analog-, BRI-, PRI-, VoIP-extension boards
- Free choice of SIM-Cards (depending on e.g. tariff and/or country)
- 2 SIM-Cards per channel
- Supports SIP, ISDN (S2M/S0 NT/TE), analog (FXO)
- Min. of 4 simultaneous VoIP-calls (depends on Codec)
- IP/PBX compatible
- Supports hard- and soft phones with SIP
- Codecs: G.711 a-law/ μ -law, GSM, G.723 (opt.), G.729 (opt.)
- SMS, Email
- Analog Fax transmission T.38 (opt.)
- Remote control via web browser or telnet
- Internet access via UMTS (opt.)
- SIP Server / SIP Proxy
- Top quality for voice transmission due to digital technology
- Echo cancellation
- Call Detail Records (CDR) with integrated, graphical analysis
- Statistic function
- SIMLock / NetLock available

• PBX features

- Mobility
- Call Hold
- Call Retrieve
- Call Forward
- Call Back
- Return Call Handling
- Calling Number Transfer
- Conferencing
- Voice Announcements (opt.)
- Voice Mail (opt.)
- Auto Attendants (opt.)

Optional hardware:

- coM.sat UMTS board 2ch
- coM.sat GSM board 2ch
- coM.sat VoIP board 30ch
- coM.sat Analog board
- coM.sat BRI board
- coM.sat PRI board



Technical data:

- 8 arbitrary Slots
- Up to seven 2-Channel UMTS-/GSM-boards (max. 14 UMTS-/GSM-Channels)
- UMTS board with 2 channels
Triband 850/1900/2100 MHz WCDMA
Voice, SMS, Data (HSDPA, HSUPA)
- GSM board with 2 channels
Quadband 850/900/1800/1900 MHz
Voice, SMS
- VoIP board with 30 channels
- Analog interface board with FXO ports
- BRI board with 4 BRI ports
- PRI board with 2 PRI ports
- 1x USB port
- 1x LAN port
- 1x WAN port
- 1x RS232 interface
- 1x SD-Memory-Card Slot
- Dimensions: 300 x 486 x 190 mm (19", 1U)
- Weight: approx. 2.400 g
- Power supply: 100-240 V; 50-60 Hz
- Power consumption: max. 900 mAh operating
- Antenna: 50 Ohm impedance with FME-M-connector
- 3 V SIM-Cards
- Temperature: 0 - 45°C (indoors)
- Certifications: CE, RoH, WEEE