

ECOTEL GSM3-3x

Powerful analog GSM gateway with a single channel



- Outstanding voice quality and dependability
- Analog interface FXO "Line"
- Analog interface FXS "Phone"
- Analog fax connection (Model GSM3-311F)
- Internet via GPRS (max. 85.6 kbit/s downlink, 42.8 kbit/s uplink)
- Can be inserted into the local loop (for least cost routing)
- Voice announcements for incoming calls
- Transfer of the CLIP for incoming calls to the extensions
- Send and receive SMS messages

The ECOTEL GSM3-3x analog GSM gateway allows you to connect either a PBX or an analog telephone to GSM mobile radio networks. The gateway is equipped with analog interfaces (FXO and FXS), a SIM card slot and a plug-in antenna and can handle a wide range of applications.

Decrease telephone costs

Once the ECOTEL GSM3-3x gateway is connected to an analog extension or the trunk line of your PBX, it takes calls that are normally routed from the fixed network to mobile radio networks and replaces them with more cost-effective "in-network" mobile-to-mobile calls. This can cut your telephone expenses by up to 70%. The gateway usually pays for itself in less than six months.

Mobile applications

ECOTEL GSM3-3x allows you to connect mobile or remotely situated equipment to the global communications infrastructure via mobile radio. This means you can access telephone, fax and Internet service from construction sites, weekend homes and business vehicles, to name a few examples.

ECOTEL GSM3-3x is the most powerful analog GSM gateway that is commercially available at this time. Depending on the model you choose, it has interfaces for single telephones, complete PBX systems, fax machines and PCs along with many useful capabilities such as least cost routing, voice announcements for incoming calls, CLIP transfer to extensions and call back*. High-performance GSM modules from Siemens and powerful echo cancellation are your guarantee of top-notch voice quality and dependability from a gateway that is made in Germany.

* available with later software release

ECOTEL GSM3-3x

| | ECOTEL GSM3-311 (PC fax version) | ECOTEL GSM 3-311 F (analog fax) |
|--|---|---|
| GSM channels | 1 | 1 |
| GSM modules | MC55 (MC56) | MC55 (MC56) |
| GSM frequencies | 900/1800/1900 (850/1800/1900) | 900/1800/1900 (850/1800/1900) |
| Line connection (FXO, not powered) | ▪ | ▪ |
| Phone connection (FXS, powered) | • | ▪ |
| PC data GPRS | ▪* | ▪* |
| PC data CSD | ▪ | • |
| PC SMS | ▪* | ▪* |
| Analog fax | – | ▪ |
| PC fax | ▪ | ▪ |
| Least cost routing | ▪ | ▪ |
| Voice announcements | ▪ (wavefile download, customer-specific) | ▪ (wavefile download, customer-specific) |
| PBX suffix dialing (for inbound calls from fixed network) | ▪ | ▪ |
| Configurable dial tones | ▪ | ▪ |
| Calling line identification (CLIP) (inbound number displayed on extension phone) | ▪ | ▪ |
| Call Back | ▪* | ▪* |
| Call forwarding of incoming calls (depending on CLI) | ▪* | ▪* |
| Configuration | Web browser | Web browser |
| Software download / configuration | USB | USB |
| Tariff pulses 1 | 2 / 16 kHz | 12 / 16 kHz |
| Dialing Type | DTMF / pulse (IWW) | DTMF / pulse (IWW) |
| Polarity Reversal | ▪ | ▪ |
| I/O port (input/output) | 3/3 | 3/3 |
| Antenna connector | SMA / FME | SMA / FME |
| Power supply | 12 V | 12 V |



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