

## PORTech MT-350S - 1 channel FXO/FXS/GSM Fixed Wireless Terminal (SMS support)



Product Name: PORTech MT-350S - 1 channel FXO/FXS/GSM Fixed Wireless Terminal (SMS support)  
 Manufacturer: -  
 Model Number: MT-350S

Please Note: This product is now End of Life. For an alternative, please see our other VoIP GSM Gateways.

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Please Note: This product may have a lead time of up to 1-2 weeks. Please call 0330 088 0195 and speak to our sales team who can confirm the current available stock for your requirement

The PORTech MT-350S is a Fixed Wireless Terminal (FWT) which supports FXS, FXO and GSM interface - it can connect to a PBX, the PSTN or a VoIP gateway. The MT-350S version is the same as the MT-350 except it also supports the sending and receiving of SMS via the web-browser interface.

### Key Features

- 1/2 Auto-select most economic route - The MT-350S automatically routes calls out over GSM or PSTN, depending on the destination.
- 1/2 SMS support - SMS messages can be sent and received via the MT-350S, this feature is accessed via the web-browser based interface.
- 1/2 Polarity Reversing function
- 1/2 Set GSM dial-out code amount
- 1/2 Limit of communicating time
- 1/2 GSM simulated echo-bell function
- 1/2 Follow Me - PSTN to GSM and GSM to PSTN

The device can connect to your analogue telephone line and divert calls received via PSTN to your mobile via its SIM card. Usually, call forwarding rates to mobiles via the PSTN are very expensive, meaning that - when out of the office - calls to the office analogue line would either have to be missed, or forwarded to your mobile at very expensive rates.

The MT-350S keeps this option open, by using the SIM card you insert, the FWT can transfer all incoming calls via its FXO port to GSM, and route the calls directly to your mobile using very cheap, if not free, mobile-to-mobile call rates or tariffs.

Many operators provide free unlimited minutes to mobiles on the same network for a cheap monthly rate, so if a SIM of the same network as your mobile is inserted into the device, these inclusive minutes can be used to route the call to your mobile, at no extra cost.

The device also works the other way around, and can route incoming GSM calls to a PSTN number over the analogue line.

Also, when a phone is connected via FXS, calls can be routed either by GSM or PSTN. The MT-350S can automatically check if the number dialed is on the network, and if this is the case, then the call will go out over the cheap GSM tariff (providing the user with 2 beeps to their handset to confirm); if not the call will go out over PSTN.

### Specification

- 1/2 Phone impedance : Below DC 1k $\Omega$ ; AC 600 $\Omega$ ; (not including line)
- 1/2 Phone Ring Output Voltage : 45v rms
- 1/2 Phone Signal (DTMF) Standard : -3dbm -24dbm
- 1/2 Phone Signal (DTMF) Time: 50 100ms
- 1/2 DTMF Frequency Rate Error:  $\pm$ 1

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½ Feeder Voltage: 48v

½ AC Adapter: Input 110V AC, Output 12V DC 1A

½ GSM Specification:

½ GSM Frequency bands : Dual Band EGSM 900 and GSM 1800(GSM Phase 2+)

½ GSM class : Small MS

½ Transmit power : Class 4(2W) for EGSM 900 Class 1(1W) for GSM 1800

½ SIM card reader : External &ndash; connected via interface connector

½ Antenna : 50 Ohm antenna coaxial connector

½ Temperature range : Normal operation : -20#8451; to +55#8451; Restricted operation : -25#8451; to -20#8451; and +55#8451; to 70#8451; Storage : -40#8451; to +85#8451;

**Please Enquire**

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