

Technical Specifications

Feature	Specification
Air Interface	GSM phase 2+
RF power capability	2W (33 dBm), Power class 4 for GSM 900 1W (30 dBm), Power class 1 for GM 1800
Speech codecs	Half Rate (ETS 06.20), Full Rate (ETS 06.10), Enhanced Full Rate (ETS 06.50 / 06.60 / 06.80), Enhanced handsfree operation with echo cancellation and noise reduction
POTS Interfaces	<ul style="list-style-type: none"> • RJ11 interfaces support • Analog fax: Group 3 Fax transmission 4800 or 9600 bps • Line impedance: 600 ohm • Loop current: 25 mA (off-hook) • Open loop voltage: 48 V (on-hook) • Loop resistance: < 600 ohm (off-hook) • Ring load: 3 telephone devices minimum
Antenna	<ul style="list-style-type: none"> • Frequency bands: dual-Band E-GSM 900, GSM 1800 • External antenna: outdoor directional with antenna
CLI: Calling Line Identification	ETSI DTMF
SIM card	Standard plug-in card 1.8 or 3V standard
Bearer features	<ul style="list-style-type: none"> • GPRS class 10 (4+1 or 3+2) or higher • CSD
Electric energy characteristics	<ul style="list-style-type: none"> • Primary power supply: 110-240V AC • Frequency range: 50-60 Hz
FWT Environmental	<ul style="list-style-type: none"> • Operating temperature: -10°C to +55°C • Operating humidity: 20 – 75% • Storage temperature: -40°C to +85°C • Storage humidity: 5 - 95% • No need air conditioning
Encryption mechanisms and Algorithms	A 5/0, A5/1 and A 5/3
Frequency and bandwidth	EGSM900: Tx: 880 to 915 Mhz, Rx: 925 to 960 MHz; DCS1800: Tx: 1710 to 1785 MHz, Rx: 1805 to 1880 MHz.
PSTN Interface	compliant with stand PSTN terminal: Analogue phone

ZTCG3 Fax Terminal

	support length/impedance for 200 m of 0.4 mm cable to provide extensions to the locations
	Ring load: 3 telephone devices minimum
PSTN Service	Voice, DTMF telephones
	Voice band data: -V.22 (1200 bps) -V.22bis (2400 bps) -V.27 (4800 bps)-V.29 (9600 bps)
	Analogue group 3 fax machines
	PSTN subscriber services including: -abbreviated dialing -fixed destination call -call forwarding -call waiting
	Voice message services: -can be preset service number in software
	PABX trunks: -can be connected with PABX trunks -supporting battery reversal answer and disconnect supervision
Mechanical charac	
FWT size: Height /Width /Depth (mm)	35/125/185
FWT weight (net weight)	≅ 850g

