



WAM-GSX

The GSM Electronic from Trans Data Management

Features

- GSM / GSM-R quad band operation
- Sends a SMS if a voice call fails
- Dual SIM card: Second GSM provider if the first network is unavailable
- Hands free or with handset (incl. PTT)
- Optional: Induction Loop system
- 1 to 4 target buttons connectable
- Reassurance messages (up to 12 languages)
- LED for signalling the operating state
- Mains or solar powered
- Tamper alarm
- Self testing and remote diagnostics
- Remote configuration via SMS
- Station announcements via enhanced loudspeaker output
- Auxiliary inputs and outputs for external alarms

Applications

- Emergency call station for motorway
- Emergency and Information Points for rail stations
- Emergency and information station for construction sites, plants, etc.
- Level crossing phone securing crossings without signals and barriers
- Call station for taxi management system
- Audio Module for Ticket Vending Machines (DDA Applications)
- Emergency and information stations for waterways
- Monitoring public buildings: Heating systems, etc.
- Emergency and Information Points for Airports
- Emergency and Information Points for Ports & Harbours

SPECIFICATIONS: WAM-GSX

General		Audio	
Dimensions (HxWxD)	100x160x21mm	Audio Output	Output rating: 1 W eff second output for handset
Weight	120g	Audio Input	Type: Electret second microphone
MTBF	116,000 hours	Local Voice Messages	Capacity: ca. 460 seconds
Environmental		Buttons	
Operational	-20°C ... +70°C	Number	Up to 4 (optional: Up to 8)
Storage	-40°C ... +85°C	Phone numbers	up to 4 phone numbers per button
Humidity	10 ... 90% non-condensing	Application	<ul style="list-style-type: none"> • Emergency button with high priority • Hook button for incoming calls • Call termination by pressing the button • Push-To-Talk function • Illuminated buttons or separate LEDs
Power		Approvals	
Voltage	8 ... 45 VDC, max. 1.5 A	Declaration of Conformity	Directive 99 /5 /EC
Power consumption	Sleep mode: 0.4 mA Standby mode: 5 mA Active mode: 150 mA	EMC	EN 50022 class A + EN 50024 EN 61000-6-2 /EN 61000-6-4 EN 301 489-1 /EN 301 489-7
GSM-Modem		Railway	EN 50121-4
Band	850 / 900 / 1800 / 1900 MHz	RF Spectrum efficiency	EN 301 511
GSM	Compliant GSM phase 2 /2+	Safety	EN 60950-1
GPRS	Multi slot class 10	References	
GSM-R-Modem		WAM-GSX (GSM)	218507-30000
Band	GSM-R /EGSM900 /GSM1800 / GSM1900	WAM-GSX (GSM-R)	218507-30001
ASCII Features	Voice call group, Voice broadcast, eMLPP, Railway Emergency Call	WAM-GSX (Antenna)	218507-34000
EIRENE Features	Functional Number	WAM-GSX (Option board)	218507-39000
Communication			
Data-Interfaces	USB Ethernet SRD (wireless, max. 10 m)		
Codec	Triple rate codec for HR, FR, and EFR		
Antenna			
Connection	U.FL/SMA		

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