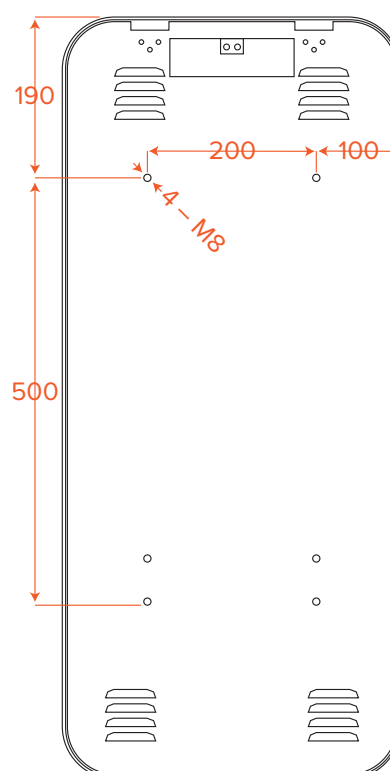
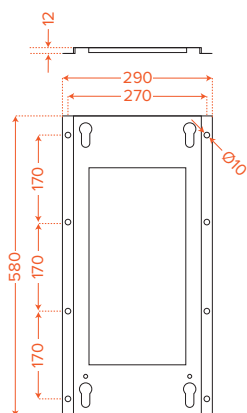
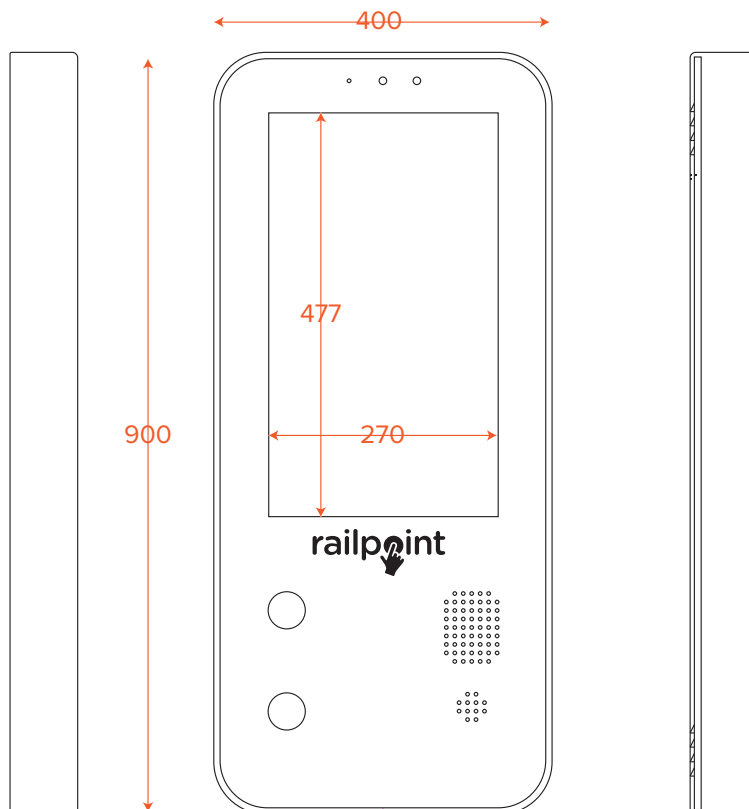




Data Sheet

Help Point (22")

KRP-AS-22ex-HP





Data Sheet

Features

22" Multi Touch PCAP touchscreen
Microsoft Windows 7 Embedded OS
Help Point components and configuration provided by Trans Data Management (TDM)

Hardware

LCD panel	Active Matrix TFT-LCD Display
Active Area	476.64(H) x 268.11(V) mm
Resolution	1920 x 1080
Pixel Pitch	0.24825(H) x 0.24825(V) mm
Color	8 bits 16.7m color
Interface	VGA, HDMI
Viewing Angle	85/85/80/80
Brightness	2000cd/m2, LED Backlight Enhanced
Contrast	1000:1, Dynamic contrast ratio: 6000:1
Dimming	Auto-dimming by Light Sensor
Response Time	3.8/1.2ms Typical(Tr/Td)
Remote control	Support for full OSD features
Operate Voltage	AC 100 ~ 240V 60/50Hz
Touch	10 Points P-CAP Touch
Power Consumption	140 Watt at Highest Brightness Level
Standby mode	3W or less
Weight	29KG approx
Enclosure	IP54 type

Environmental

Operating Temperature	-10–45°C,
Operating Humidity	10%–85%
Storage Temperature	-30–60°C
Storage Humidity	5%–90%

CE Marking

Certificate number	SHBST1606584640001YEC-1
Test standards	EN50121-4:2006 EN 61000-3-2:2006+A1:2009+A2:2009 EN 61000-3-3:2013
Test report number	SHBST1606584640001YER-1.

The EUT described above has been tested by us with the listed standards and found in compliance with the council EMC directive 2014/30/EU. It is possible to use CE marking to demonstrate the compliance with this EMC Directive.

The certificate applies to the tested sample above mentioned only and shall not imply an assessment of the whole production.





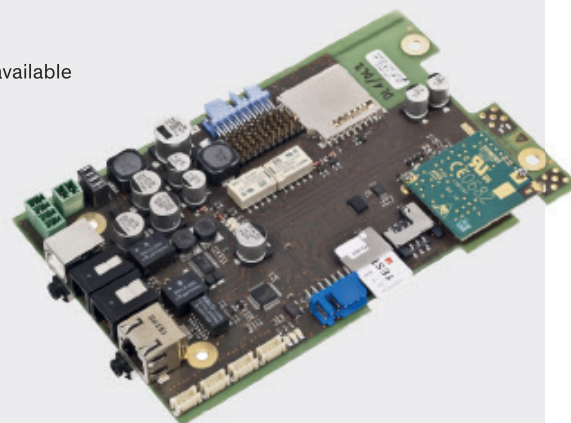
Data Sheet

GSM Hardware

WAM-GSX

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



General

Dimensions (HxWxD)	100x160x21mm
Weight	120g
MTBF	116,000 hours
Environmental	
Operational	-20°C – +70°C
Storage	-40°C – +85°C
Humidity	10 – 90% non-condensing

Power	
Voltage	8 – 45 VDC, max. 1.5 A
Power consumption	Sleep mode: 0.4 mA Standby mode: 5 mA Active mode: 150 mA

GSM-Modem

Band	850 / 900 / 1800 / 1900 MHz
GSM	Compliant GSM phase 2 /2+
GPRS	Multi slot class 10

GSM-R-Modem	
Band	GSM-R /EGSM900 /GSM1800 / GSM1900
ASCII Features	Voice call group, Voice broadcast, eMLPP, Railway Emergency Call
EIRENE Features	Functional Number

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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Audio

Audio Output	Output rating: 1 W eff (second output for handset)
Audio Input	Type: Electret second microphone
Local Voice Messages	Capacity: ca. 460 seconds

Buttons

Number	Up to 4 (optional: Up to 8)
Phone numbers	up to 4 phone numbers per button
Application	Emergency button with high priority
button	Hook button for incoming calls Call termination by pressing the button
button	Push-To-Talk function Illuminated buttons or separate

LEDs

Approvals

Declaration of Conformity	Directive 99 /5 /EC
EMC	EN 50022 class A + EN 50024 EN 61000-6-2 /EN 61000-6-4 EN 301 489-1 /EN 301 489-7
Railway	EN 50121-4
RF Spectrum efficiency	EN 301 511
Safety	EN 60950-1

References

WAM-GSX (GSM)	218507-30000
WAM-GSX (GSM-R)	218507-30001
WAM-GSX (Antenna)	218507-34000
WAM-GSX (Option board)	218507-39000