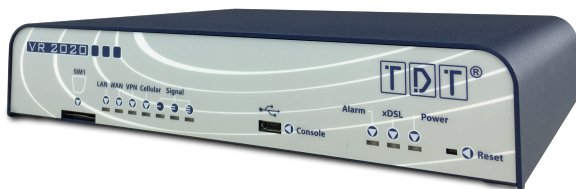# FPA-REMOTE-GATEWAY Secure Network Gateway

▶ Plug and play Ethernet connection to fire panels

▶ Highly secure connectivity to Remote Services

▶ Trial license for all Remote Services

▶ Pre-configured for enabling Remote Services

The Secure Network Gateway provides a highly secure internet connection to fire panels.
It is pre-configured for enabling Remote Services using a plug and play connection to the fire system Ethernet port. With the first registration of a fire system at the Bosch Remote Portal via the Secure Network Gateway a new trial license for all Remote Services (Remote Connect, Remote Alert, Remote Interact and Remote Maintenance) is created and assigned to the system integrator's account, where it must be activated for the specific fire panel.

System overview

Remote Services offer following services for system integrators:

Remote Connect
Remote Connect provides a trusted and secure internet connection, which enables remote access to a panel via FSP-5000-RPS. Remote Connect is the basis for all Remote Services.

Remote Alert
With Remote Alert, the panel pushes relevant status information to the Remote Portal. Transferred data are analyzed with Remote Alert. In case of an unexpected event, the user will be informed via SMS and/or e-mail about the received alerts.

Remote Interact
Remote Interact enables the use of the mobile application Remote Fire Safety for mobile devices. The user receives instant push notifications on his mobile device in case of alarms or systems warnings.

In addition, the user can also retrieve historical notifications. These notifications can be shared through e-mail, SMS, or messenger service. The application also informs the user about following status of the systems: health status, connectivity, license validity, and if an update of the fire panel firmware is necessary.

Remote Maintenance
Remote Maintenance offers the possibility to remotely monitor certain parameters of various security items connected to a fire panel. It collects data of relevant LSN devices and functional modules and sends them to the RemotePortal where they are analyzed and visualized for maintenance activities. For these services the pre-configured Secure Network Gateway for Remote Services is required. While Remote Connect supports connection to a panel network via Ethernet or CAN, Remote Alert and Remote Maintenance functionality is only supported when Ethernet networking between panels is provided and configured for service usage.

Functions

This device is pre-configured for use only with Remote Services and its functionality is therefore limited to ensure the highly secure connectivity of Bosch Remote Services.

Hardware Specifications Base System
• Energy efficient and fan-free MIPS processor architecture.
• 128 MB RAM
• Gigabit-WAN-Port (10/100/1000 Mbit/s)
• 1 Power LED

• 9 LEDs for extended status information

To keep the router at the latest security level, automatic security updates are performed at regular intervals. For this, the router must be online at least temporarily.

In case of a complete reset of the device using the reset button on the front cover, Remote Services functionality is permanently deleted. The Secure Network Gateway cannot be used or configured for Remote Services together with the fire panel anymore. However, previously limited functionality of the hardware becomes available for use without Remote Services of the fire panel. For a detailed description of the functionality please see: https://www.tdt.de

Regulatory information

Region	Regulatory compliance/quality marks	
Europe	CE	TDT

Parts included

Quantity	Component
1	FPA-REMOTE-GATEWAY secure network gateway
1	Power pack

Technical specifications

Electrical

Input voltage (VDC)	9 VDC – 30 VDC
Nominal capacity (V)	12 V
Power consumption (W)	5 W
Rated input current (A)	1 A
Power frequency	50 Hz; 60 Hz

Environmental

Operating temperature (°C)	-5 °C – 55 °C
Operating relative humidity, non-condensing (%)	0% – 85%

Mechanical

Dimensions (H x W x D) (mm)	33 mm x 185 mm x 155 mm
Material	Metal
Weight (g)	860 g

Ordering information

FPA-REMOTE-GATEWAY Secure Network Gateway
Pre-configured Secure Network Gateway for highly secure plug and play Ethernet connection to the fire panel with included trial license for Remote Services: Remote Connect, Remote Alert, Remote Interact and Remote Maintenance.
Order number **FPA-REMOTE-GATEWAY**