

# RFW 4000 GSM/GPRS/3G module

for DS 6700, DS 6750, DS 7700 und DS 7600

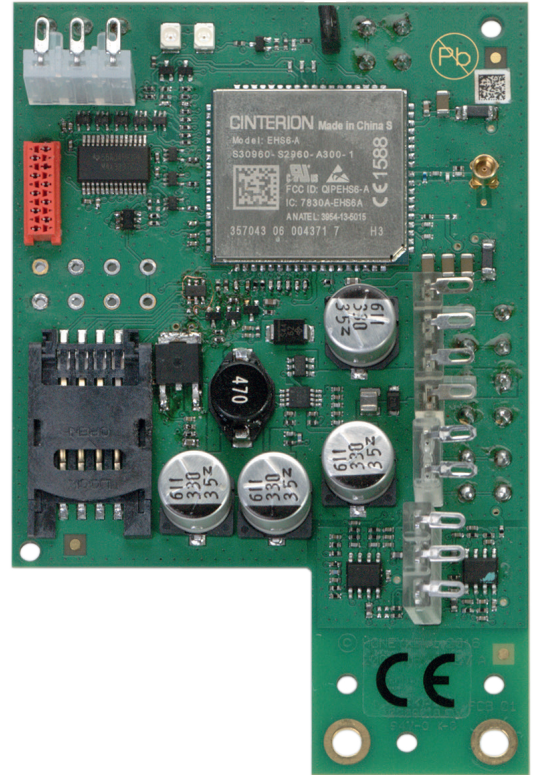
The RFW 4000 GSM/GPRS/3G module expands the DS 6700, DS 6750, DS 7700 and DS 7600 transmission devices with a second transmission path over 2G(GSM) or 3G(UMTS).

Depending on the programming of the intrusion panel or the transmission device this can be used in any combination or alone for transmission of alarms, messages or routine calls in GSM- or IP networks, so that any application without wired transmission lines is feasible.

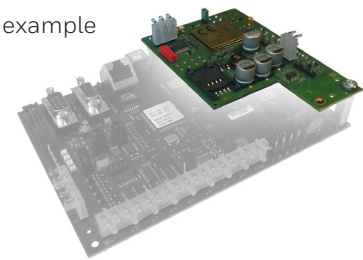
Remote access / remote parametrization is supported is also supported depending on the connected panel type.

The modular design allows subsequent addition to transmission devices, so that existing installations can be upgraded in a cost effective manner.

TRANSMISSION DEVICE	TRANSMISSION PATH	
	WIRED	WIRELESS
<b>DS 7600 (057650.20)</b>	ISDN	GSM/UMTS
<b>DS 7700 (057651.20)</b>	ISDN Ethernet (TCP/IP)	GSM/GPRS/ UMTS/EDGE/HSPA+
<b>DS 6700 (057864)</b>	PSTN Ethernet (TCP/IP)	GSM/GPRS/ UMTS/EDGE/HSPA+
<b>DS 6750 (057865)</b>	PSTN Ethernet (TCP/IP)	GSM/GPRS/ UMTS/EDGE/HSPA+



Mounting example



## FEATURES & BENEFITS

- Fits into existing installations, only firm-ware update required
- Modular design, no extra mounting space required
- Independent of transmission devices, fits on DS 6700, DS 6750, DS 7700, DS 7600
- Flexible: automatic switch over from 2G to 3G programable
- Speech over GSM (DS 6700, DS 6750)
- When replacing RFW 4000 (057590) the internal antenna is reusable
- Internal antenna included, LEDs for status display
- VdS 2465 S2
- Permanent transmission path supervision programable
- VdS approval as option to transmission devices
- Can be operated as stand alone device in conjunction with transmission device
- External antenna optional available
- GSM to ISDN, VdS 2465
- Steady and on demand IP connections over GPRS/UMTS
- AES encryption
- Chiasmus encryption (DS 6750, DS 7700)
- Telim and Contact ID (DS 6750)
- E-Mail (without SSL) over GPRS/UMTS (DS 6750, DS 7700)
- SMS
- NTP over GPRS/UMTS (DS 6750, DS 7700)
- Compatible to mini SIM cards

# RFW 4000 GSM/GPRS/3G Technical specifications

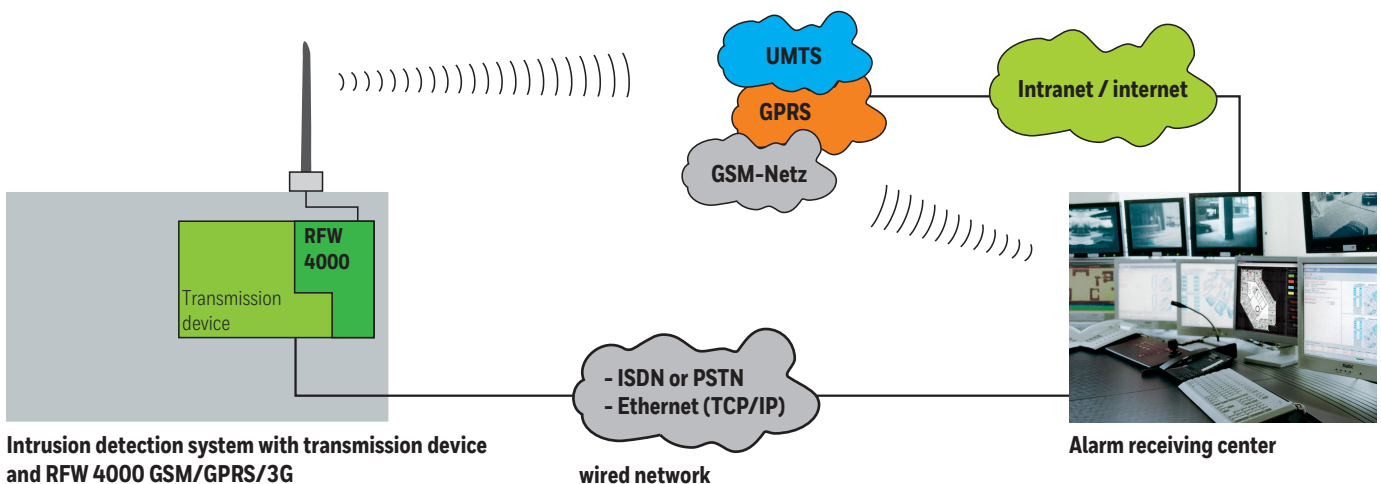
TECHNICAL DATA	
Operating voltage	+12 V DC
Operating voltage range	10,5 V DC bis 15 V DC
Current consumption (stand-by)	25 mA
Current consumption active transmit mode GSM*	max. 150 mA
Current consumption active transmit mode GPRS*	max. 200 mA
Current consumption active transmit mode UMTS*	max. 400 mA
Current consumption active transmit mode HSPA+*	max. 400 mA
Environmental class according to VdS	II
Scope of delivery	RFW PCB, antenna suitable for universal mounting
Operating temperature range	-10 °C to +55 °C
Storage temperature range	-25 °C to +70 °C
Circuit board dimensions (W x H x D)	65 x 110 x 30 mm

ORDERING INFORMATION	
Item no.	Description
057590.10	RFW-4000 GSM/GPRS/3G
	For a complete system a transmission device is required.
ACCESSORIES	
057591.10	GSM external antenna with 5 m cable With mounting brackets, SMA to MMCX cable adapters and mounting material.
057592.10	GSM cable, 5 m, extension cable with SMA connectors for GSM external antenna.

VdS-Approval as an option for transmission devices:

- DS 6700, Art.-Nr. 057864: G111803
- DS 6750, Art.-Nr. 057865: G111803
- DS 7600, Art.-Nr. 057650.20: G106801
- DS 7700, Art.-Nr. 057651.20: G106802

\* Depending on the application.



For more information  
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