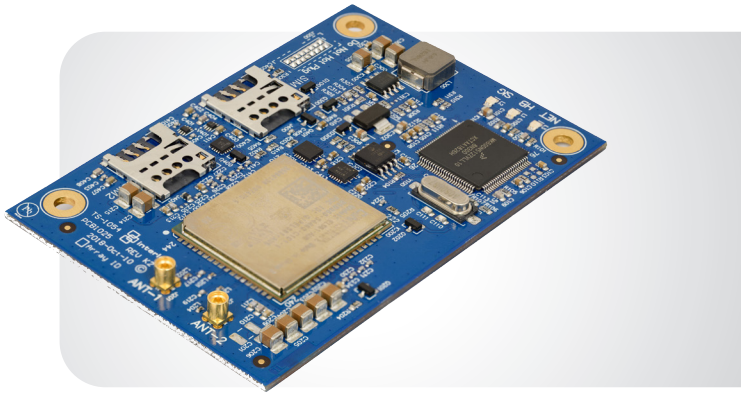
4G Communication Module



Overview

The 4G Communication Module is an expansion module which allows Challenger panels to communicate over 4G wireless networks.

The 4G Communication Module connects directly to Challenger control panels and fits natively to the powerful Challenger communication path framework. This allows the 4G Communication Module to be used for multiple connection types (e.g. alarm monitoring and management software) and act as the primary or redundant connection.

Setup of the 4G Communication Module is simple. All required settings can be configured either through the Challenger keypad or management software. No additional cases or power supplies are required because the unit is mounted directly on the Challenger panel.

Maintenance is also made easy. The firmware can be updated remotely through the Challenger panel using management software. System faults with the unit are sent to management software or central monitoring so you can be alerted immediately if something is wrong with the system.

With flexible SIM card options, customers can provide their own SIM cards ensuring connection to the telecommunications provider of their choice. For those customers who do not have a preference, they may purchase a model with SIM cards pre-installed for greater convenience. Pre-installed SIM cards are activated easily through any UltraSync connected monitoring station. You can view the connected monitoring stations online at www.interlogix.com.au/ultrasync. Note, monitoring stations may charge additional fees. Please discuss these fees with your preferred monitoring provider.

Features

- Report alarms.
- Connect to supported management software packages.
- Upload and download panel configuration.
- Physically connects directly on to Challenger control panel.
- No additional housing or power supply required.
- Act as primary or backup connection.
- High speed communication. Speed is typically limited by bandwidth of the cellular data connection.
- Always on, constantly polled connection. All communication is sent and received instantly.
- AES128/256 encryption.
- Remote firmware upgrade.

Resources

The Tecom Challenger portfolio provides a number of options to ensure your security needs are met, no matter what size.

Visit the resource library at www.interlogix.com.au for more information.

Firmware downloads

Keep your system running at its optimum level by installing the latest firmware and software on your security system.

Visit www.interlogix.com.au/downloads to check that you have the latest firmware and software running.

MOBILE DATA
Important Message

Use of this product may consume large amounts of mobile data which could incur additional fees from your mobile provider.

Please refer to the Data Usage document for relevant examples.

Interlogix recommends that you ensure module setup is performed in conjunction with receiving software and end-user requirements. We also recommend that you check with your mobile provider periodically to ensure your plan is best suited for this type of product.

Interlogix

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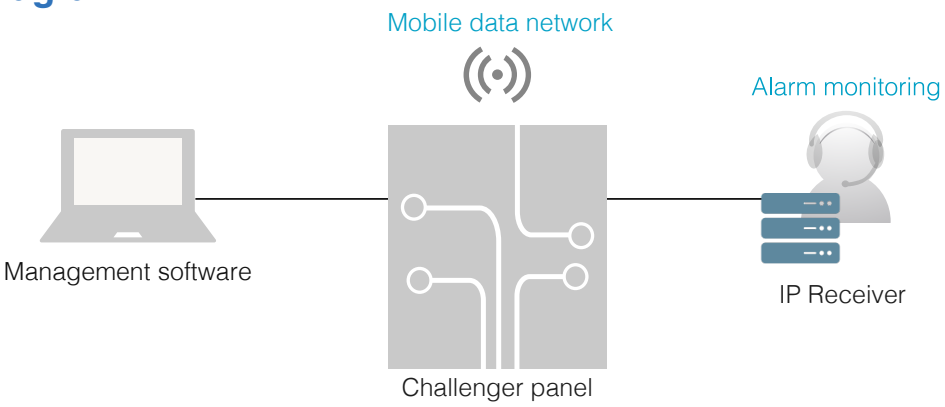
System Diagram



Specifications

Compatibility	
Supported software packages	Forcefield 7.2 IP Receiver 2 Web Management System CTPlus 2.3 TecomC4 2019
Supported Tecom hardware	ChallengerPlus Challenger10 (V10-06 and above) ChallengerLEPlus ChallengerSE (V10-06 and above) ChallengerLE (V10-06 and above)
Supported communication formats	IP Receiver (with names) (TCP) Computer event driven (TCP)
SIM type	MicroSIM
SIM slots	2 (please check installation manual for information regarding SIM slot usage)
Antenna connector	Micro-miniature coaxial (MMCX)
Physical and Environmental	
Temperature	0 to 50°C
Relative humidity	0 to 90% noncondensing
Dimensions	90mm x 62mm x 17mm
Weight	135g
Cellular Frequencies	Tri-band UMTS: Bands 1, 5, 8 (WCDMA/FDD 2100, 850, 900 MHz) Quad-Band LTE:: Bands 3, 5, 8, 28 (1800, 850, 900, 700 MHz)
Regulatory Compliance	ACMA: RCM
Current Consumption	
Operating current	53mA (idle), 114mA (peak)

Ordering Information

TS1054	4G Communication Module
TS1054DS	4G Communication Module - Dual SIM, UltraSync enabled (Australia only)

Specifications subject to change without notice.