The SPCN320 GSM module can be assigned to any mobile network by the insertion of a standard SIM card. The modem is compatible with the complete range of acre intrusion panels and plugs directly on the main PCB removing the need for any additional wiring. The unit comes with an external antenna that fits on the cabinet.

The modem communicates with a central station (ARC) using common format protocols (SIA, Contact ID) or IP over GPRS to acre intrusion Com alarm receiver. It also supports PPP connection to acre intrusion Pro Software for remote programming and configuration up-/download. The SMS feature allows user / engineer to be sent a predefined text when selected events occur in the system or receiving of predefined SMS commands for security system control. The GSM modem can be used as the primary source of communication or as backup to the PSTN modem or IP communication.

Key features

- 2G & 3G compatible
- GSM network scan for best signal
- Transmits and receives SMS messages & commands
- Easy to install, plugs into acre intrusion controller board
- Pay as you go credit monitoring
- Signal strength indication
- Improved Audio Video transmission

Technical Data

Power and mechanical

Dimensions (W x H x D)	90 x 38 x 25 mm (PCB)
Operating current	Max. 130 mA at 12 VDC
Operating temperature	-10 ~ +50 °C
Quiescent current	Max. 40 mA at 12 VDC

Functional

Network connections	GSM/GPRS (dual band 900/1800 MHz)

Mechanical

Header Connection	Plugs into control board
Securing	2 x screws

General

Antenna (Supplied)	Panel mounted, complete with 380mm of cable & BNC connector
Approvals (pending)	VdS, EN, SBSC, etc.
Dimensions (L x W x H)	90 x 38 x 25mm
Frequency	Dualband 900/1.800 MHz
Indicators	Signal strength - Red LED – D4: Low (Off = 1, pulsing = 2-3 constant = 4-5) - Yellow LED – D5: Medium (pulsing = 6 & constant = 7) - Green LED – D6: High (pulsing = 8 & constant = 9) General - Green LED – D1: Pulsing = power connected - Green LED - D2: Constant = Connected to mast - Green LED – D3: Constant = Data transmission
Mounting	Plug on module to SPC controller
SIM Card	Not supplied with product
SIM Card size	All
Tamper protection	Panel enclosure, signal loss
Weight	0.030 kg

Ordering Data

Type	Art. No.	Description	Weight*
SPCN320	V54550-B102-A200	SPCN320.000 GSM/GPRS modem, inc antenna	0.120 kg

* Total weight of the product inclusive of the weight of its accessories and packaging.

Additional Ordering Data

Accessories

Type	Art. No.	Description	Weight
SPCW101.000	V54559-B101-A100	External antenna, 2m lead & bracket 0.130g	0.130g

Compatibility

Feature	Version 3.8 Firmware	Firmware prior to Version 3.8
3G compatible	2 G & 3G	2G only
Pay as you go monitoring	Yes	No
Signal strength LED's	Yes, improved & colour coded	Yes
Additional character support	Yes	No
External antenna	Yes	Yes
Compatible with all SIM profiles	Yes	Yes
Audio/Video verification	Improved	No