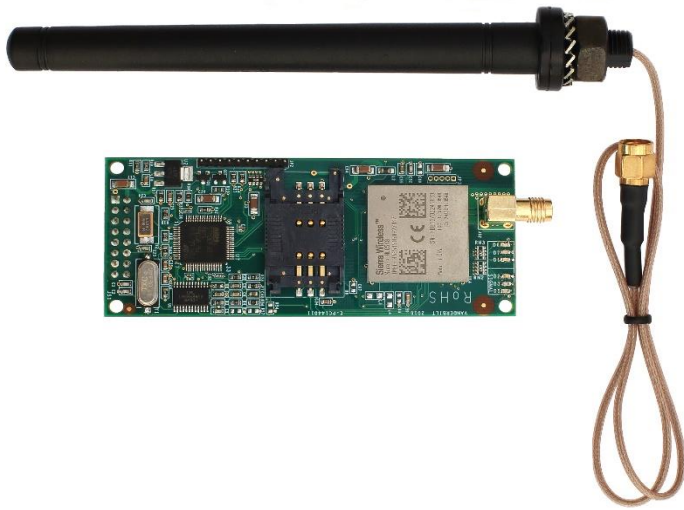


# SPCN320

GSM Modem

VANDERBILT



## Key Features include:

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

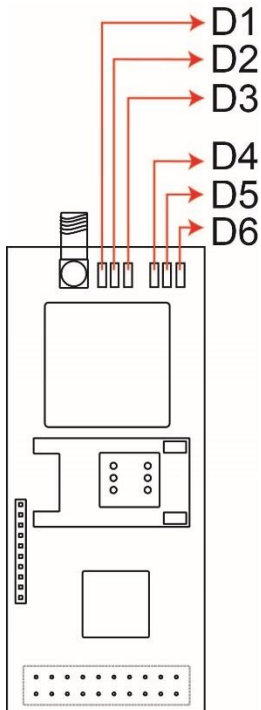
# SPCN320

## GSM Modem

### ■ Description

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 SPC 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 SPC Com alarm receiver. It also supports PPP connection to SPC 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.



### ■ Feature Set Vs Firmware Version

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

# SPCN320

## GSM Modem

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### ■ Technical data

Network Connections	GSM/GPRS (dual band 900/1800 MHz)
Current consumption	
- Operating	Max 130mA at 12V DC
- Quiescent	Max 40mA at 12 V DC
Mechanical	
- Header Connection	Plugs into control board
- Securing	2 x screws
Tamper protection	Panel enclosure, signal loss
Dimensions (PCB)	90 x 38 x 25mm (Lx W x H)
Visual indications	
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
SIM Card size	All
SIM Card	Not supplied with product
Antenna (Supplied)	Panel mounted, complete with 380mm of cable & BNC connector
Environmental	
- Operating temperature	-10 ... +50 °C
Approvals (pending)	VdS, EN, SBSC, etc.

### ■ Accessories

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

### ■ Ordering information

Type	Art.-No.	Description	Weight
SPCN320	V54550-B102_A200	SPCN320.000 GSM/GPRS modem, inc antenna	0.120g

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