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

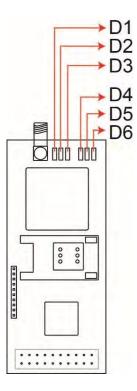
GSM Modem



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	

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Technical data		
Network Connections	GSM/GPRS (dual band 900/1800 MHz)	
Current consumption - Operating - Quiescent	Max 130mA at 12V DC Max 40mA at 12 V DC	
Mechanical - Header Connection - Securing	Plugs into control board 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 - Yellow LED – D5 - Green LED – D6 General - Green LED – D1 - Green LED – D2 - Green LED – D3	Low (Off = 1, pulsing = 2-3 constant = 4-5) Medium (pulsing = 6 & constant = 7) High (pulsing = 8 & constant = 9) Pulsing = power connected Constant = Connected to mast 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

Туре	ArtNo.	Description	Weight
SPCW101.000	V54559-B101-A100	External antenna, 2m lead & bracket	0.130g

Ordering information

Туре	ArtNo.	Description	Weight
		SPCN320.000 GSM/GPRS modem, inc	0.120g
SPCN320	V54550-B102_A200	antenna	-

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