Honeywell

GT-20/GT-40

Galaxy® Dimension IP/GPRS Modules



The new GT-20 (IP) and GT-40 (IP/GPRS) modules from Honeywell are fully compliant communications solutions developed for the Galaxy® Dimension series of intruder alarm systems.

End users are increasing looking to capitalise on their existing IT infrastructures and benefit from cost and resource efficiencies when implementing new building systems. Communications signalling in security systems can easily take advantage of existing infrastructures with IP and GPRS communications. The GT-20 and GT-40 modules provide reliable alarm signalling and remote servicing facilities over IP/Ethernet LAN and/or WAN and GPRS (GT-40 only).

The advantages of GPRS communications signalling are numerous. GPRS is perfect for systems where a signalling path is required in areas with little or no infrastructure (e.g. Holiday home, remote power stations etc). It offers a reliable secondary signalling path should the primary (PSTN/IP) line be disconnected so even if the PSTN line has been sabotaged, GPRS will not be impacted as it uses a protected radio frequency to find the strongest signal path to ensure successful signal transmission. Further assurance is provided via frequent line polling of the IP/GPRS signal path.

Cost savings are also possible. For Security Grade 3 systems, using the ATS-6 approved GT-20 and GT-40 modules requires only a primary signalling path, eliminating the costs associated with managing a secondary PSTN/IP path. The modules also enable the use of dynamic public IP addresses which are typically lower cost than fixed IP addresses.

Easy to install, configure and use, these compact modules connect directly to the Galaxy Dimension panel using the RS485 data bus and can be programmed via the panel using the Galaxy user interfaces. The modules can also be programmed remotely from the Galaxy Remote Servicing Suite (RSS) software. Installers need virtually no IT knowledge to install a GT-20 or GT-40 solution and with excellent diagnostics features, faults are quickly and easily resolved while programming the module. For even greater installer convenience, remote diagnostics and servicing can be carried out using the RSS software. Full panel configuration from the RSS software is supported via the GT-20/GT-40 modules.

Alarm signals are received from the GT-20 and GT-40 modules using the Chiron IRIS management suite located in the Alarm Receiving Centre (ARC) offering you a complete end to end signalling solution.

By integrating the GT-20 or GT-40 module with the Honeywell Galaxy Dimension solution, installers can expand their businesses at the same time as saving on time and costs for end users and themselves.

For more information on Galaxy Dimension or the new GT-20 and GT-40 GPRS/IP modules please visit: www.honeywell.com/security/uk/intruder or contact your local sales representative.

FEATURES

Direct & Remote Programming
Directly from the Dimension control panels (V6.75 firmware onwards) using the Galaxy MK7, MK8 or TouchCenter keypads. Remotely from the Galaxy Remote Servicing Suite (RSS) software V3.03 onwards

Quick and easy installation
Designed to fit inside the Galaxy enclosure using the A303-S mounting bracket for Galaxy Dimension panels

Powerful diagnostics
Enables quick and easy resolution of any issues

Reliable Technology
With over 20 years in the market, the module uses the widely recognised and tested IRIS management suite from Chiron

Multiple communications options
Via GPRS and Ethernet

Compatibility
Compatible on all Galaxy Dimension control panels V6.75 and above. Can be used with Honeywell G2, Classic and G3 control panels with simple module programming and restricted functionality

Full compliance with EN Standards
Tested by a third party approver, both GT-20 and GT-40 modules comply with EN50131-1, EN50136, ATS 6, Security Grade 4, Environmental Class II regulations to meet all current legislative requirements.

Remote Servicing
The GT-20 and GT-40 modules can be programmed using the Galaxy Remote Servicing Suite (RSS).

GT-20/GT-40

Galaxy® Dimension IP/GPRS Modules

TECHNICAL SPECIFICATIONS

Description	GT-20	GT-40
Signalling path	IP/Ethernet	IP/Ethernet and GPRS
Alarm Dialler Interface	Galaxy Dimension V6.75 onwards	
RS485	Yes	Yes
Relay outputs	2	2
USB connection	Yes	Yes
Remote Servicing	Via RSS	Via RSS
Ethernet interface	10Mbps & 100Mbps (10/100 BaseT) with autonegotiation UTP with standard RJ45 socket for CAT-5 cabling Dynamic IP addressing (DHCP) or fixed	
GSM/GPRS Interface	Dual Band GSM 900 MHz and DCS 1800 MHz SMA socket for antenna connection	
IP	TCP Ports (outbound): 51292 (diagnostics), 52737 (polling), 53165 (alarms), 10001 (upload/download)	
Max input voltage range	0V to + 24V	0V to + 24V
Relay outputs Max operating voltage Max current rating	24V 1A	24V 1A
Power Supply Voltage	9 - 30V DC	9 - 30V DC
Power Typical Current	120mA (@12V)	155mA (@12V)
Power Max Current	145mA (@12V)	185mA (@12V)
Note: These figures are based upon the Ethernet link being connected. With GSM/GPRS there will also be additional transient peak current of up to 250mA required as GSM and GPRS transmissions (e.g. for network registration and calls) are made.		
Mechanics		
Weight	70g	75g
Dimensions (h x w x d)	90 x 120x 15mm	
Approvals		
EN50131-1, EN50136-1-1, Security Grade 4 ATS 6. Environmental Class II		

Honeywell reserves the right to alter product specifications without notice

ORDERING REFERENCES

GT-20	IP Communications Module
GT-40	GPRS/IP Communications Module
A303-S	Mounting bracket for GT-20/40 and E080-2 modules

For support on IRIS Technology and receiver enquiries, please contact Chiron Security Communications Ltd on: Tel: +44 (0)118 988 0228 or Email: sales@chironsc.com

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HSG-GT-20-40-01-EN(0512)-DS-E
May 2012
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