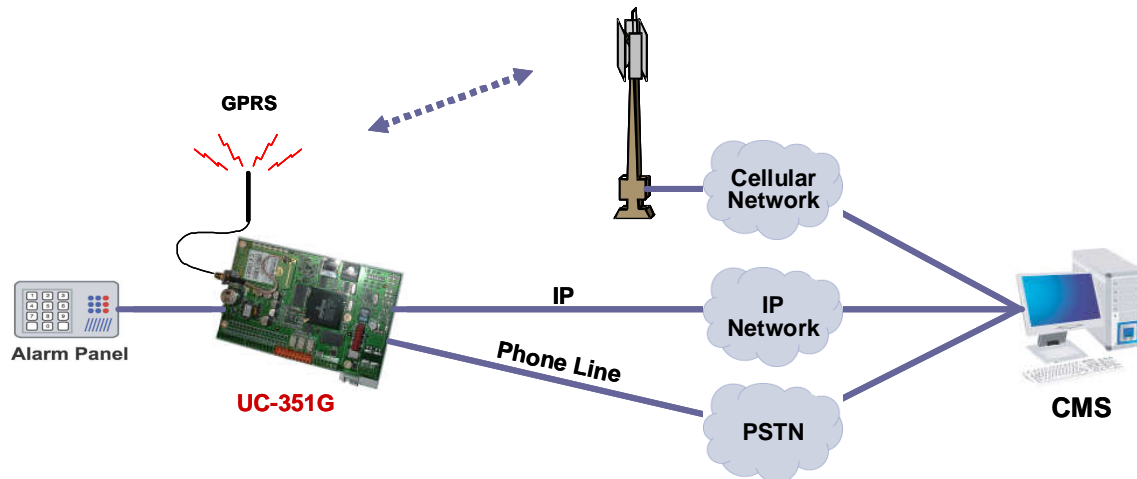


UltraConnect UC-351G

The UltraConnect™ UC-351G is a dual path IP & GPRS high-security communicator with automatic PSTN fallback. Both IP and GPRS paths are independently polled to implement a standards-compliant security alarm transmission system. The UC-351G is designed to be mounted in and powered from a security alarm system.



The IP path uses highly encrypted messaging over a corporate IP WAN or broadband internet connection such as ADSL, Cable Modem or Wireless (eg WiMax or HSDPA). The GPRS link is implemented as a secure VPN. The unit supports a range of interfaces to intruder alarm systems, including dial-capture, parallel inputs and the ASIAL (Securitel™) serial interface, both TTL and RS.232 connections are supported. The inbuilt dialler can deliver alarms received over the serial interface.

Applications

Typical applications include:

- Accredited highly secure dual-path monitored security communications
- Upgrading existing dialler alarm systems to add a polled wireless communications path
- VoIP migration
- Remote alarm system control

Compatible with Installed Equipment

A key feature of UC-351G security communicators is compatibility with a wide range of existing installed alarm equipment. This has been achieved through:

- Built-in dial capture interface supporting most security industry dialler protocols
- PIN (parallel inputs) interfaces for connection to burglar and fire alarm systems

Managed Dual-Path Communications

UltraConnect™ Security Communicators support transport over IP and / or GPRS paths. This provides the benefits of cost-effective high polling rates (over IP) with the reliability of two fully independent monitoring networks.

Ease of Installation

The UC-351G has been designed to ensure reliable, straightforward installation. Its IP interface self configures or a touchtone telephone can be used for manual configuration of network settings.

Remote Alarm System Control

Through the UHS UltraVideo system, the UC-351G allows customers to view event history and remotely control the UC-351G outputs.

Independently Accredited System

The UltraConnect™ security communicators have been accredited by the Victorian Security Institute to Australian Standard AS2201.5-1992. Your performance guarantee.

Enclosure

- The UC-351G is housed in and powered from the local alarm panel
- Unit dimensions: 178 mm X 114 mm

LAN (IP) Interface

- Auto MDX (auto-sense) 100BaseT Ethernet interface
- RJ-45 connector
- DHCP client (default operation)
- Static LAN configured via DTMF phone

GPRS Backup

- GPRS carries security alarms and polling concurrently and independently of IP path
- Variable GPRS polling rate – supports increased polling rate during IP path failure

PSTN Backup

- Inbuilt PSTN dialler supports alarm delivery via ContactID or dial-up networking (DUN)
- Converts ASIAL (Securitel™) serial to dialler

Management Features

- LAN side Web (browser) management
- Remote software download via IP & GPRS using security protocol
- Remote testing, polling, status and configuration via security protocol
- Simplified installation and service activation – IP skills not required
- Reports own alarms using ContactID format

Power

- Nominal 12 Volt DC input (9.5 to 30 Volts)
- Low battery alarm reporting
- Current at 12VDC < 400mA

Alarm Panel interfaces

- Dial-capture
- RS-232 ASIAL serial or other protocol
- Configurable keypad bus emulation
- 16 PINs – dry contact inputs

Alarm Panel Download

- Remote download to the alarm panel over IP and/or GPRS

General Purpose (Dry) Parallel Inputs (PINs)

- 16 general purpose inputs used to send (ContactID) notifications to the control room
- Programmable input event state O/C or S/C
- Can be used to interface to fire alarm panels

General Purpose Outputs

- Three remotely controlled outputs
- Two outputs can be configured as status indication lines to alarm panel:
 - Comms Fail
 - Event Acknowledge
- Use for remote alarm panel arming/testing

Dial-Capture Features

- Converts dialer alarm systems into high security devices
- RJ11 Alarm Panel interface supporting:
 - Ademco ContactID
 - Ademco Hi Speed
 - Ademco 4+1
 - Ademco 4+2
 - SIA 1/2/3
- Alarm panel connection monitoring
- PSTN bypass/backup functionality
- PSTN bypass based on remote command
- PSTN line monitoring and reporting

Configuration

- Site specific parameters entered with touch tone phone – IP training not required
- Laptop computer

Approvals

- A-Tick
- C-Tick

Accreditation

- VSI Accreditation to:
 - AS2201.5-1992 C4S3
 - AS2201.5-1992 C5S3

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