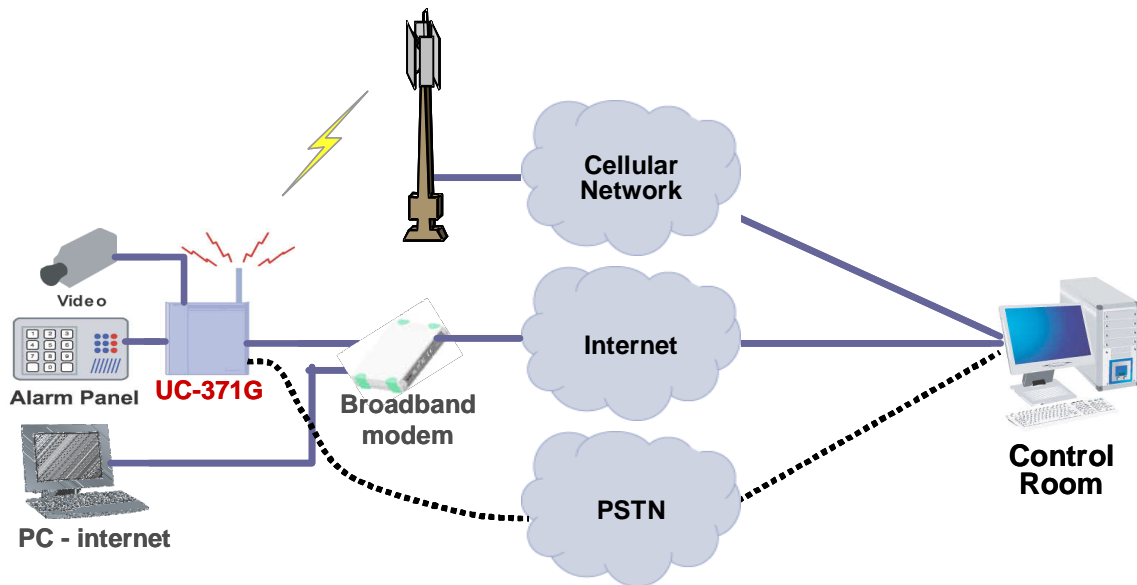


# UltraConnect UC-371(G) Security Communicator



UltraConnect™ UC-371 Security Communicator is a high-availability multi-path communicator compliant to AS2201.5 (2008) that supports the transport of legacy security and fire alarm signalling over Broadband IP (ADSL, Cable etc.) and cellular (with UC-371G) networks using the customers' existing broadband internet access. With an extensive range of physical interfaces, powering and network transport options, UltraConnect Security Communicators offer an unparalleled level of functionality and reliability for legacy alarm users seeking to move their transport infrastructure to multi-path IP networks without replacing their existing burglar alarm and fire alarm terminals. Low cost video surveillance is also supported, with access to live and recorded video from CCTV and IP cameras at the monitored premises.

## Applications

UltraConnect Security Communicators are used to transport messages from legacy alarm equipment over IP wide area networks. Typical examples include:

- Fire alarm panels with relay or serial interfaces
- Intrusion detection systems with digital dialers
- Access control systems
- Video alarm verification

## Compatible with Installed Equipment

Typical alarm monitoring networks comprise alarm panels or other devices with low speed interfaces connected to private circuits, point-to-point radio networks or the PSTN.

UltraConnect Security Communicators implement dedicated serial data, VF, PIN and other interfaces in order to connect directly to the alarm equipment. This means there is no need to replace or modify the existing alarm equipment. Just add the UltraConnect and migrate the application to broadband and/or cellular networks.

## Managed Dual-Paths Communications

UltraConnect Security Communicators support transport over fully integrated IP/ADSL, Cellular and/or PSTN paths. Deploy with a single or multiple solution depending on the required cost and reliability. Deploy dual path, e.g. Broadband and cellular where network availability is critical.

Further, the communications paths are fully managed by the UltraAgent network server, ensuring rapid fault detection and restoration.

## All-in-one Box

No need to cobble together a solution consisting of IP panel interface + IP modem + cellular modem + custom controller + battery backup. UltraConnect Security Communicators are highly integrated and provide all these features in a single, convenient, managed and secure box:

- The UC-371 is an IP/PSTN communicator
- The UC-371G uses IP/GPRS/PSTN

## Specification Sheet

### WAN Interface

- Ethernet 10/100BaseT Auto MDIX

### Cellular Backup (G, X, H Model)

- Cellular path carries security messages concurrently with ADSL path
- Continuous receive power monitoring and reporting
- Equipment versions supporting:
  - GPRS
  - CDMA-1xRTT/eVDO 850 MHz
  - 3G HSDPA & HSUPA

### Router / Firewall Functions

- PPP terminated for cellular (-G/X models)
- Least cost routing selects wireline over wireless interface by default
- Up to four 10/100BaseT Ethernet interfaces – Auto MDIX
- DHCP Server
- DHCP Client (Dynamic IP address)
- Static IP

### Management Features

- LAN side browser based management
- Network management over Broadband and/or cellular interfaces from UltraAgent server (hosted by service provider)
- Management system alarms for Comms, power & interface failures
- Remote software download
- Remote testing, polling, status and configuration
- Zero-touch activation allows preconfiguration in server and automatic download to site at installation, eliminating complex on-site configuration.

### PSTN Back-up

- Automatic fallback to the PSTN supported

### Alarm System Interfaces

- VF Dialler Capture supporting most popular alarm Formats:
  - SIA1, 2 and 3
  - ContactID
  - Ademco Fast
  - 4+1 / 4+2
- RS-232 ASIAL serial protocol
- VF modem – V.21, V.22, V.22bis
  - Used for alarm panel download over IP and cellular networks
- 8 General Purpose Sensor/Alarm Inputs
- 2 General Purpose Remotely Controlled Relay Outputs

### Power Supply Options

- Security industry standard 240V/16VAC plugpack
- >8 hour battery back-up with advanced battery management system including:
  - Rapid, temperature compensated charging
  - Periodic and remote controlled testing
  - Battery disconnect with battery low voltage alarm
  - Both 7 AH and 11 AH VRLA batteries supported

### Environmental

- -5°C to 50°C operation
- 95% Humidity

**Enclosure Options**

- Secure wall mounted enclosure according to Australian Standard AS2201.5-1992
- Box and wall mounting tamper detection and reporting
- Cellular antenna mounting supported

**Advanced Video Surveillance**

- Support for up to 8 standard security industry coax surveillance cameras via external video capture devices (UltraCapture2, UltraCapture4, UltraCapture8)
- Users can select camera and view video frames on-site or remotely via secure UltraVideo server using standard web browser or Java™-enabled mobile
- Event-based video recording – twenty 60 second video clips stored ( $\pm 30$  Seconds around the trigger event)
  - Recording triggered from alarm events sent by alarm system
- Pan-Tilt-Zoom control

**Remote Access**

- Supports remote configuration and download of panel data over IP and cellular networks using PSTN emulation

**Further Enquiries**

UHS Systems

Ph +61 2 9663 2299

Fx +61 2 9663 2288

www.uhssystems.com



**UltraConnect UC-371G**