Multicom 4 Plus

Dual Carrier
DUAL SIM
Telstra & Optus

3G Alarm Communicator

MULTICOM systems

SURETEK®
Security Innovations Sooner

Future proof your security system

Welcome to a new way of thinking

The Multicom 4 Plus is an alarm communicator that breathes new life into your existing alarm system.

MC4P enables delivery of your alarm messages across three transmission paths, including 3G/GPRS, GSM, and optionally your original telephone line (PSTN). If one path fails the MC4P automatically and transparently transmits across one of the remaining paths, providing constant reliable communication.

MC4P not only delivers your alarm messages more securely and across more paths, but it also enables your monitoring station to check the integrity of your alarm system and connection as frequently as every forty seconds. This process, known as polling, ensures that your alarm is always connected. In addition to polling, MC4P offers PFP, a proprietary Poll Fail Protocol that verifies active communication paths in the event of signal dropout.

Breathe new life into your existing alarm system

Communicating over the leading private security network, with a proven 99.99% network uptime, MC4P protects your assets more reliably than any other solution on the market.

MC4P uses the highest quality components and is C-Tick approved and certified. It is also designed in Australia to meet class 1, 2, 3 & 4 of Australian Standard AS2201.5 2008.

Breathe new life into your existing alarm system with the Multicom 3G.

Why Multicom?

Dual SIM Technology

MC4P has two SIM cards, doubling the redundancy on 3G and PFP by utilising 2 separate carrier networks.

MC4P can detect issues & outages on the active carrier network and automatically switch to the secondary SIM. This technology allows MC4P to eliminate service outages due to a single carrier's network.

No fixed phone line required

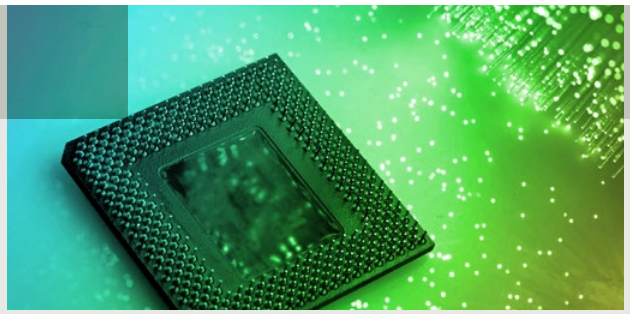
Traditional alarm systems weren't designed to work without a fixed phone line, but MC4P provides communication capabilities that will transform your old system to work with new transmission technology.

MC4P is perfect for anyone who wants to switch to the NBN or a VoIP-only service provider for their home or business.

Compatible with your existing alarm system

MC4P is compatible with 99% of existing alarm systems. It quickly and conveniently plugs into your existing panel and converts it to a Class 4 system.

MC4P was also designed to be discreet - compact enough to fit inside your existing alarm's housing.



Powerful smartphone app

AlarmLINK for iPhone and Android devices lets you connect and control your home and business' alarm system from anywhere in the world. It lets you, as well as the people you choose, control your alarm system. You can setup multiple sites and switch between them with ease. Access to your alarm system is protected via permissions based security as well as an optional passcode.

Polling makes it more secure

Polling authenticates your alarm system's integrity, which means if your alarm system fails or has been tampered with in some way, your monitoring centre will know about it almost immediately. Polling is like security for your security system. If polling fails on the default 3G network, MC4P transparently switches to PFP, a proprietary polling method exclusive to the Multicom Range.

The Australian designed Multicom Range uses the highest quality components for use on the leading private security network with 99.99% uptime.

Technical Specifications

PRODUCT FEATURES

Communication Paths	3G/GPRS x 2 Contact ID via GSM x 2 Contact ID via PSTN PFP (Poll fail protocol) x 2
Reporting Format	Contact ID Surepoll PFP
Inputs	4 x 24hr alarm inputs with programmable End-of-Line Resistors (EOLR) Dedicated Tamper Input
Output Devices	2 x programmable dry relay contact for system trouble or automation outputs
Indicators	Signal, Communications, Fault and PSTN LED's
Quad GSM band	800/900/1800/1900 MHz
Options	2 x Programmable IO for Custom applications Emergency Phone Backup (PSTN to GSM Conversion)
Power Supply	12V >300mA
Approval	N28785

OPERATIONAL FEATURES

Alarm Reporting	PSTN Fault (programmable Time) Power Fault (programmable Time) Zone 1 to 2 (24 hour) Tamper 3G/GPRS/GSM Fault (optional)

OPERATIONAL FEATURES (CONTINUED)

Alarm Reporting	Test report (programmable) Programming Update / Access Alarm Communication Fault Zone Lockout (optional)
Alarm Mapping	Map alarm events to either Relays or ContactID message reporting
Remote Software Update	Full remote programming and management of software / firmware via 3G/GPRS

3G/GPRS FEATURES

3G/GPRS Operation Features	Contact ID to 3G/GPRS conversion Surepoll Private IP WAN (Polling, programming, Alarm communications, remote software update) 128 Bit AES Encryption Programmable Alarm reporting priority (Ethernet/3G/GPRS/PSTN/GSM)

PSTN FEATURES

MODE 3	Onboard mode 3 relays for complete signal control and isolation
FXO	Globally Compliant PSTN Line Interface with Digital Audio Interface
FXS	Globally Compliant SLIC Interface simulating TRUE PSTN signalling
Programmable Features	Fault detection Delay and voltage threshold with Contact ID event Path priority (MC4P as primary or secondary delivery method)

Multicom products are available through Kings Security Services
1300 767 702 | www.kingsec.com.au