

Multicom New Technology Dialler

IP Alarm Communicator



Future proof your security system

Multicom New Technology Dialler



A VoIP-compatible alarm communicator

The Multicom New Technology Dialler is an alarm communicator panel, designed specifically for domestic and commercial sites without a fixed phone line, or using a VoIP service provider.

The NTD connects to your existing security system, enabling delivery of your alarm messages across Ethernet/IP.

Unlike other IP communicator panels on the market, the NTD offers the unique capabilities of Inteliswitch - a wireless power device that plugs into your Internet router or modem to cycle power in the event of network dropout. Inteliswitch monitors your system and reboots it wirelessly if a signal dropout is detected. This ensures consistent network availability, and a security system that is always online.

The NTD not only delivers your alarm messages securely over Ethernet/IP, but it also enables your monitoring centre to check the integrity of your alarm system and connection every 70 seconds. This process, known as polling, ensures that your alarm system is always working and connected.

Communicating over the leading private security network, with a proven 99.99% network uptime, the NTD protects your assets more reliably than any other solution on the market, without compromising affordability.

The NTD hardware itself is C-Tick approved and certified, combines the highest quality components, sourced globally, and is designed in Australia, meeting class 1, 2, & 3 of Australian Standard AS2201.5 2008.

Transform your existing alarm system with the purpose-built Multicom New Technology Dialler.



Breathe new life into your existing alarm system

Why Multicom?

A cost-effective alternative

The Multicom New Technology Dialler gives you a higher level of security, whilst eliminating the hidden expenses often associated with fixed phone lines, such as line rental and priority call costs.

The NTD enables your existing alarm system to work with your current broadband/VoIP service, providing a cost-effective alternative to traditional monitoring.

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.

Compatible with your existing alarm system

The Multicom New Technology Dialler is compatible with 99% of existing alarm systems. It quickly and conveniently plugs into your existing panel and is compact enough to fit inside it.

The NTD was also designed to enhance your existing system's security capabilities, so, once installed, you will have a Class 3 system.



Reduces drop-outs & lock-ups

Other IP-based alarm communicators are as reliable as the networking equipment they're attached to. To overcome the poor reliability of troublesome modems and routers, the NTD monitors for internet drop-outs and hardware lock-ups. If detected, the NTD wirelessly commands the Inteliswitch, to power cycle the modem/router device it's attached to, providing more reliability from your existing equipment.



No fixed phone line required

Traditional alarm systems weren't designed to work without a fixed phone line, but the NTD provides communication capabilities that will allow your old system to work with new transmission technologies, such as Ethernet/IP. The NTD is perfect for anyone who wants to switch to a VoIP-only service provider for their home or business. The NTD is NBN ready.

The network interface in the Multicom NTD is intelligent enough to automatically configure itself to work on different networks, including DSL, 3G, Fibre or NBN.

Technical Specifications

PRODUCT FEATURES

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| Communication Paths | Ethernet (10/100 FEC) Wireless Power Point Control |
| Reporting Format | Contact ID |
| Inputs | Multicom Network 2 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 Wireless Power Point Control |
| Indicators | Signal, Communications, Fault and PSTN LED's |
| Options | 2 x Programmable IO for Custom applications |
| Power Supply Approval | 12V 500mA N28785 |

OPERATIONAL FEATURES

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| Alarm Reporting | Power Fault (programmable Time) Zone 1 to 2 (24 hour) Tamper 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 Ethernet |
| FXS | Globally Compliant SLIC Interface for TRUE PSTN signalling |
| Programmable Features | Fault detection Delay with Contact ID event |

ETHERNET FEATURES

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| Ethernet | Ethernet with DHCP or Static IP Multicom Power Point will cycle attached Ethernet hardware (ADSL/DSL/NTU/Router/ Switch) in the event of network outage (programmable) |
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