Access Integrator-K

Supplementary information

Alarms, monitoring & notification

Multitone's Access Integrator range of alarm and messaging solutions provides integration of customers' alarm systems with Multitone DECT and paging systems.

Access Integrator-K (AI-K) is a cost-effective one-box alarm management solution that ensures any alarm is presented immediately to one or more DECT handsets as a text message.

AI-K is an alarm and messaging solution for use with Multitone CS100 and CS600 DECT wireless servers for connection to analogue extension ports on the host PABX.

Activated alarms will trigger a preformatted text message to be sent to DECT handsets.

Prompt management of alarms by personnel using a DECT handset ensures that the alarm is dealt with promptly and efficiently and can provide a range of benefits.

Application notes

- Alarm contacts may be configured as active open or active closed
- When configured as an output and used to operate power devices an interface is required between the Access Integrator, e.g. relay, opto isolator etc.

Administration browser

- Built-in browser for system administration
- A user-friendly interface making administration easy
- Any person with a PC or laptop on the local network may administer the integrator, add users, or send messages to users or teams provided they have the proper user rights
- There are four levels of accessibility available
- Access Integrator is compatible with Windows, Mac or Linux operating systems using Internet Explorer, Mozilla and other common browsers
- Supports English, German, French and Dutch languages

Key benefits

- Improved protection of property and goods
- Security personnel can walk and talk
- Improved customer or patient service
- Can attend promptly to alarms from manufacturing or processing machinery
- Can minimise the delay to resolve the problem and the risk of expensive repairs or lost production
- Messaging from fire alarm systems will ensure that personnel, guests, patients or visitors can be safely directed from the premises by managers on the move
- Alarm solutions can be adapted to almost any application
- Easy to use system administration from any PC terminal on the customer network

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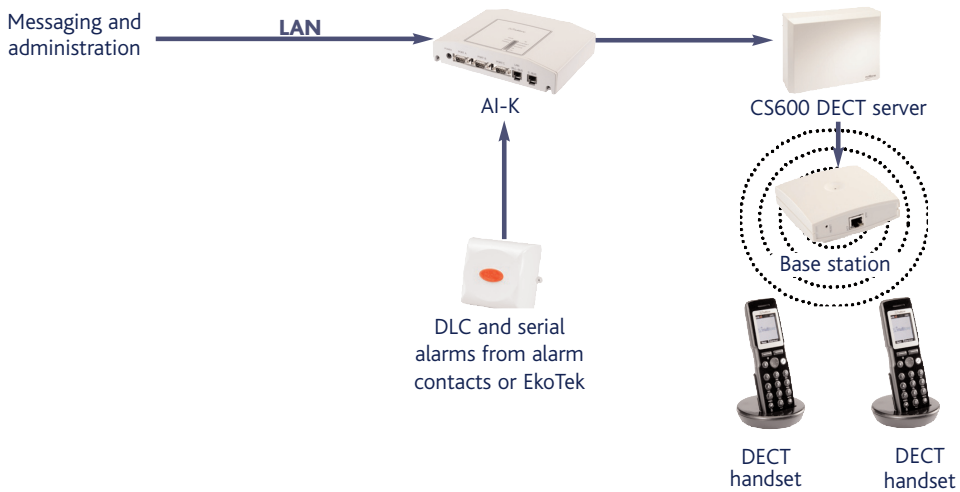

Technical specification

Characteristics

- Open collector output: 10k pull up to 5 volts
- Input supports: 10k pull up resistor to 5 volts at 1.5mA
- Applied voltage (open cct): 30V max
- Maximum ON voltage: 5V at 100mA
- Maximum current (on): 100mA
- Contact loop resistance: 100R max
- Input voltage for high: >2V min
- Input voltage for low: <0.7V max
- Minimum activated time: 80mS
- Power supply: EU, UK, North America and Australia
- Power supply: 110V ~ 230V, +7 to +9V 600mA max
- Status and activity indicators: Ethernet-Transmit-Receive-Power-CPU-Active

Connections

- Ethernet port: 10 baseT Ethernet port: IP addressable
- AI-K port A; permanently connected 3 metre cable to CS100 or CS600 DECT server
- AI-K port B; protocols supported: input only-TAP, MEP, ESPA, AUSTCO and MSP

Approvals and Declarations of Conformity

- EMC and safety for CE markings
- FCC Part 15 class A devices (EMC) US

Alarm contacts

- 16 programmable active-open or active-closed contacts

Environment

- Storage temperature range: -10°C to +70°C
- Operating temperature range: 0°C to +40°C
- Dimensions: 250mm (h) x 330mm (w) x 275mm (d)

Message lengths

- Free format from PC: 60 characters
- From alarm contacts: 60 characters

Multitone Electronics plc, Geddes House, Kirkton North, Livingston, West Lothian, EH54 6GU
Tel: +44 (0)1506 418198 Fax: +44 (0)1506 411711 Email: info@multitone.com Web: www.multitone.com

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