



GHM Messaging Unit



Power, Capabilities and Performance



A secure system for growth and development

IM-Lite is a powerful messaging platform delivering and managing critical alarm and messaging requirements for up to 100 users. This makes it an ideal solution for those small to medium size organisations, or departments in large enterprises, who need the confidence that communication will occur even when people are busy.



Compact and powerful messaging

IM-Lite is designed as a single point alarm and messaging server running on a robust hardware platform managing Multitone's LAN peripheral interface.

The messaging server consists of an NUC (Next Unit of Computing) unit with Intel® Core™ i5 processor giving superb processing power in a small footprint.

This ensures that alarm and messaging management is processed and delivered quickly and efficiently. IM-Lite is part of the Multitone family of critical alarm and messaging management products and is suitable for applications that must receive and manage multiple alarms from one or more sources, and distribute to fixed or mobile devices.

Communication – without voice

We realise that communication is so much more than just one mode of operation, it can involve a series of messages and alarm monitoring, it can be from machine to machine, person to machine, machine to person etc. IM-Lite was designed to coordinate, manage and control an array of differing communication needs from a variety of differing sources and distribute them to fixed or mobile devices as required.

Saving more than time

IM-Lite, is Multitone's intermediate alarm and messaging communications and control product. This has been specifically designed to bring together your current in-house systems into a cohesive messaging network.

Consolidation and monitoring

IM-Lite combines your communication systems and devices. This powerful product integrates the messaging capabilities of your existing equipment allowing messages to transfer to the appropriate people, or control the equipment, or raise alarms on or off site.

Any automated alarms raised for assistance can be routed to the most appropriate teams and calls them to action.

Giving confidence

Ensuring that a message gets through to the right people, the correct instructions are given, received and actioned, is important to the performance of any business. If people do not respond, or are unable to respond, then IM-Lite can find an alternative contact and / or communication device, to ensure business continuity.

Messaging when it counts

With IM-Lite your business can operate as normal, but with an additional layer of communication for more important issues. Phone calls and conversations can be held as normal, but with IM-Lite anyone can receive a vital message on their mobile device whether it is a smartphone, landline, DECT pager or PC. This allows important messages to be acted upon even if you are busy or on a call.



Achieving more and working with differing technologies

Being able to combine the messages of a variety of communication systems and devices into one system ensures that your organisation is able to connect, even when busy.

In order to give you the most comprehensive messaging solution IM-Lite has been designed to integrate with a variety of differing systems and a variety of differing technologies:

- GSM
- WiFi
- On-site and wide area paging
- Smartphones and tablets
- Cordless telephony
- Monitoring and alarm systems
- Staff protection

Technical Specification



IM-Lite

PC
Mini form factor NUC
Intel® Core™ i5 4250U Processor (1.3 GHz with turbo capability to achieve 2.6 GHz, Dual-core processor with 3 MB smart cache)
Supports Intel® Hyper-Threading Technology ⁵
Supports Intel® 64 architecture
Peripheral Connectivity
Integrated Intel 10/100/1000 Network Connection
Four Super Hi-Speed USB 3.0 ports (two back panel ports and two front ports)
Two additional Hi-Speed USB 2.0 ports via internal header
System Memory
Dual-channel DDR3 with two connectors for 1600/1333 MHz memory support (16 GB max)
Front-Panel Connectors
Reset, HDD LED, Power LEDs, power on/off
Dimensions
116.6mm x 102.0mm x 49.5mm
Mains Power Supply
Input 120V/240V
Power Supply
DC Power 12 - 19 V, 65 W
Power Cord Options (Types B, E, and G)
Operating Temperature
10°C to +50°C
Storage Temperature
-20°C to +70°C

Environmental Compliance
Europe
Europe RoHS (Directive 2011/65/EU)
China
China RoHS (MII Order #39)
LAN Peripheral Interface
IM-LPIS-D-UK
A single LAN Peripheral Interface for desktop, shelf or wall mount use, connects IM-Lite network is required to interface to external devices and/or hardware.
A range of interface points ensures that alarms and messaging inputs and outputs can be managed by IM-Lite quickly and efficiently.
Power requirement – 12V DC nominal (9 – 30V)

IM-LPIS-D

Dimensions
220 x 113 x 43mm (1U Rack Slot)
Weight
0.95kg
The LAN Peripheral Interface supports the following port allocations
Aux A port (9 way “D” male socket) – provides RS232 terminal emulation facilities, or a second port connection to the Peripheral I/F
Aux B port (9 way “D” male socket) – provides connection between the TCP/IP network and the RS232 port on the Aux B connector
Main port (9 way “D” male socket) – provides connection between the Main RS232 port and the TCP/IP network. May be configured to emulate a simple terminal server, a PSTN modem, or a GD92 code format capable modem
Peripheral port - provides various programmable interface combinations of network control; 16 input, 8 output Direct Line Contact (DLC) channels and a digital I/F to peripheral devices e.g. transmitters, alarm panels, machines
SBUS port (9 way D female socket) programmable as part of the Aux B port configuration. Provides connection to RS485 data Bus and Ohm speech port; NB: this configuration negates the use of the AuxB port

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