

Real-Time Communications and Connectivity When Every Second Counts

- » **Connectivity to Patient Monitoring**
All commercially available systems
- » **Communication Device Interoperability**
Including pagers, led signs and wireless telephony devices
- » **Embedded Network Appliance**
No server or PC Necessary
- » **Seamless End-to-End Solution Available**
when including a Commtech transmitter and pagers
- » **Web-Based Architecture**



Improving Response Times to Patient Needs

Integration of patient monitoring systems with time sensitive information being sent to pagers, LED signs and wireless telephones greatly enhances patient safety initiatives by providing a secondary notification, or safety net, to ensure rapid response to critical events.

Real-time alarm management of point-of-care systems such as patient monitoring is enhanced via the Fusion IAM Series by routing descriptive information real-time to ensure certain patient conditions are communicated to busy mobile care providers. Clinicians are enabled to better meet the increasing demands of their patients, from noncritical advisory notifications to mission-critical alarms and events.

No PC or Server Necessary

The Fusion Series IAM is a network appliance with a standard industrial 19" rack mount enclosure to fit easily in most environments. This self-contained architecture does not require a PC or Server and results in a lower total cost of ownership and ongoing support considerations.

How It Works

Clinicians receive real-time alarms and events such as V-TACH, ASYSTOLE, and LEADS OFF as a secondary means of notification, or safety net, to provide higher levels of patient safety. Patient data conditions are collected from the patient monitoring system, constantly analysed, filtered, and triggered alarms are configured to be routed in a descriptive manner to virtually any communication device without a caregiver needing to be tethered to a monitoring screen or constantly within audible alarm proximity.

Both bedside and telemetry alarms can be distributed real-time to the appropriate caregiver in the form of a descriptive text message.

Seamless End-to-End Solution Available

In addition to the Fusion IAM Series, Commtech manufactures best-in-class paging transmitters and pagers that are designed with the specific needs of health care users as top priority. Health care organizations are offered the flexibility to leverage communication device interoperability and can also deploy the seamless design of an end-to-end solution.

To learn more about Commtech Wireless products and solutions, visit amcomsoftware.com or call 800.852.8935 to speak to our experts about a communications solution for your facility.

IAM (Integrated Alarm Management Module) for Patient Monitoring

Technical Specifications

Integrated Alarm Management Module for Patient Monitoring

Equipment Type	Messaging Control Module With Paging Encoder
Languages Supported	English, Spanish, Mandarin
Power Supply	110/240VAC 50/60Hz 25W Max
External LED Indicators	Power, IP Link, IP Activity, TX Ptt, TX Data, RS232/485 TX, RS232/485 RX, Modem
External Connectors	Ethernet: RJ45f 10/100 Mbps. 4 Ports Max POCSAG: RJ45 with RS232 Level POCSAG Output Serial RS232D: 3 x RJ45 300-115200 bps Serial RS232/485: RJ45 Modem: RJ12. 300-115200 bps Power: IEC Mains Socket (Rack Only)
Internal Transmitter	None (External Transmitter Must Be Placed Away From This Device)
Recipient Capacity	1,500
Group Capacity	Up to 25 Members per Group
CC/Opto Alarm Capacity	1000 Max
Escalation Capacity	10 Steps Max, 65535 sec Max Between Steps
Canned/Common Messages	100 Max
3rd Party System Integration/ Input Protocols	TAP (PET / IXO), ADM/AIM, Scripting, SMTP (Email), SMS
Communication Device Support/Output Protocols	Spectralink, Kirk, LED Marquees, POCSAG, TAP (PET/IXO), SMS, SMTP, SNPP, WCTP Logging, Scripting
Alarm Programming	Normally Open, Normally Closed, State Change Initial Delay (65535 sec Max) Escalation Delay (65535 sec Max) Escalation Repeats (100 Max)
Dimensions	Standard 19" Rack Case 439 x 205 x 44 mm / 17.3 x 8.1 x 1.7 inches (Minus Rack Ears) Desktop/Wallmount Version 73 x 216 x 254 mm / 2.9 x 8.5 x 10 inches
Weight	Rack - 1.2 kg / 2.7 lb Desktop/Wallmount - 600g / 1.3 lb
Operating Temperature	0 °C to 50 °C (32 °F to 122 °F) (20-90% RH Non-Condensing)
Storage Temperature	-10 °C - 60 °C (14 °F - 140 °F) (10-95% RH Non-Condensing)
Approvals	FCC, CE, C-tick, ROHS, IC, EN60950

**Call for your language addition*


