



"We Deliver Information at the Speed of Light"

Fusion APM

(Alarm Paging Module)

By CommTech Wireless

- 4/8/12/16 DRY CONTACT / OPTO-COUPLED INPUTS
- TAP, SMS, KIRK/SPECTRALINK AND POCSAG OUTPUTS
- INBUILT SYNTHESIZED POCSAG TRANSMITTER
- MULTIPLE RECIPIENTS PER ALARM INPUT
- TX AND RX INDICATOR LEDs
- MAINS POWERED RACK MOUNT OPTION
- DESKTOP INCLUDES WALL-MOUNT KIT



SUITABLE FOR COUNTLESS APPLICATIONS

The Alarm Paging Module (APM) provides 4 alarm inputs as standard (either dry contact or opto-coupled) with up to 16 available on request. These inputs allow messages to be sent to wireless telephones, mobile phones in SMS format as well as directly to pagers and to TAP compliant devices via an in-built POCSAG transmitter.

These messages are generated via opto-coupled or contact closure alarms from various sources; including nurse call systems, building management systems, security alarms and fire panels.

TAP / SMS / DECT / POCSAG CAPABLE

The APM connects to an SMS service such as a wide area provider via dial-up modem using the TAP protocol. For SMS direct to mobile phones, the APM connects to the Fusion Series Cellular Messaging Module.

Integrating the APM with SpectraLink or KIRK 500/1500 wireless telephony handsets is simple and provides instant notification of alarm events to cordless handsets.

FULLY-SYNTHESIZED PAGING TRANSMITTER

The transmitter built in to the APM is fully-approved for use in the majority of countries worldwide. With a fully-synthesized operating capability across either 148 - 174MHz VHF or 440 - 470MHz UHF, this transmitter sends messages to all kinds of POCSAG receivers - including pagers or wireless LED signs.

ADVANCED INPUT SETTINGS

The Alarm Paging Module allows latching and disabling of messaging inputs as well as Escalation paths to be configured for alarm events. These escalations can be set to occur across various devices. So, for example, a message could be escalated from a pager to a KIRK or SpectraLink cordless handset and on via SMS to an off-site cellular phone.

SIMPLE WINDOWS® INTERFACE

The module's multilingual graphical user interface runs on any Windows® PC and allows the functions of the Fusion Series Alarm Paging Module to be simply and seamlessly configured.



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TECHNICAL SPECIFICATIONS

Alarm Paging Module

| | |
|-------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Equipment Type | Alarm Paging Module with inbuilt paging encoder/transmitter |
| Frequency range | VHF - 148-174 MHz UHF - 440-470MHz Synthesized |
| Power Output | Configurable From 1- 5 Watts |
| Languages Supported | English, Spanish, Korean, German, Dutch |
| Alarm Capacity | 4, 8, 12 or 16 Alarm Inputs per Module |
| External LED Indicators | Power, PTT, Data, RS232 TX, RS232 RX alarm input status providing real time physical indication |
| External Connectors | Serial RS232: RJ45f with RS232D interface POCSAG: RJ45f with RS232 level POCSAG output |
| Supported Output Protocols | TAP (PET / IXD), Kirk z500/1500, SMS, POCSAG |
| Programming | Via serial cable (requires PC with APM Configurator software installed) |
| Recipient Capacity | Four addresses per alarm input |
| Alarm Programming | Normally open, normally closed, state change, disabled Initial delay (65535 sec max) Escalation delay (65535 sec max) Escalation repeats (255 max) Escalation Output: POCSAG plus Any One Additional Protocol per Step |
| Ambient Temperature Operating Range | 0 - 50 °C (20-90% RH non condensing) |
| Storage Temperature Range | -10 - 60 °C (10-95% RH non condensing) |
| Plastic Dimensions | 255 x 230 x 70 mm / 10 x 8 x 2.7 inches |
| Rack Dimensions | Standard 19 inch rack case 439x205x44 mm / 17.3x8.1x1.7 inches (without rack ears) |
| Plastic Weight | 1kg / 2.2lb nett |
| Rack Weight | 2.7kg / 5.9lb nett |
| Plastic Power supply | 12VDC @ 2Amps regulated |
| Rack Power supply | 110-240VAC 50/60Hz 25W max via IEC socket |
| Plastic Antenna Connector | BNC 50ohm |
| Rack Antenna Connector | Ntype 50ohm |
| Plastic Alarm Input Connector | Screw Terminal Blocks |
| Rack Alarm Input Connector | 4 x 8 way pluggable terminal block |
| Approvals | FCC, CE, Ctick, ROHS, IC, EN60950 |



| Product Name | Ordering Code |
|------------------------------------|----------------|
| Alarm Paging Module | |
| APM Desktop CC VHF 4 Input | FSAPMCCMVHF4 |
| APM Rack CC VHF 4 Input | FSAPMCCRVHF4 |
| APM Desktop CC UHF 4 Input | FSAPMCCMUHF4 |
| APM Rack CC UHF 4 Input | FSAPMCCRUHF4 |
| APM Desktop CC VHF 4 Input | FSAPMDPTMVHF4 |
| APM Rack CC VHF 4 Input | FSAPMDPTRMVHF4 |
| APM Desktop CC UHF 4 Input | FSAPMDPTMUHF4 |
| APM Rack CC UHF 4 Input | FSAPMDPTRUHF4 |
| Upgrade Options | |
| Upgrade from 4 Inputs to 8 Inputs | FSAPMIN8 |
| Upgrade from 4 Inputs to 12 Inputs | FSAPMIN12 |
| Upgrade from 4 Inputs to 16 Inputs | FSAPMIN16 |
| Output Protocols | |
| RS232 - KIRK/SpectraLink/TAP/SMS | FSAPMDOUT |