Specifications

Features

- 8 on-board points, expandable up to 40
- 4 configurable independent areas
- 4 on-board programmable outputs, expandable up to 20
- 8 programmable skeds
- RF compatible
- Up to 32 users with optional keyfob operation available
- 4 programmable authority levels
- 2 communications routing destinations
- 255 event log
- Optional printer interface module
- Remote-programmable via RAM IV

Description

Radionics' D6412 Control/Communicator offers eight fully supervised on-board points, expandable up to 40 through any combination of D9528 Point Expansion Modules and wireless points. The system can be divided into four independent and fully configurable areas for more precise system control.

The D6412 supports up to 32 users, each with a personalized passcode. Users may also arm and disarm the system and generate Open and Close reports via an RF keyfob, which identifies the user without having to enter a passcode. Four programmable authority levels allow for specified system access for each user.

Eight programmable skeds (scheduled events) allow the user to arm and disarm the system, or operate various system outputs at a specific time of day and day of the week. The panel provides four on-board programmable outputs, expandable up to 20 with D9529 and/or X7410i Modules.

System communications can be routed to two routing destinations with two phone numbers per destination, totaling four available numbers for event reporting.

The D6412 communicates via the Radionics Modem IIIa² reporting format along with Contact ID and numeric paging. Data bus modules allow status reporting via alternate communications paths* including Cellemetry, ARDIS/Motient, UPLINK, LAN/WAN and SAFECOM.

The event log records up to 255 panel events that can be printed on a standard serial printer by using the D9533 RS-232 Serial Interface Module.

D6412 Control/Communicator

Application

The D6412 Control/Communicator is suitable for commercial burglary and residential fire/burglary applications. The D621, D623 and D625 command centers provide easy-to-use system control.

Installation

A D2203 enclosure is provided with the D6412 Control/Communicator, or the panel may be installed in a D8103, D8109 or D8108A enclosure.

Install, test and maintain this control panel and its devices according to their Installation Guides, NFPA 72, Local Codes and the Authority Having Jurisdiction. Failure to follow these procedures may result in failure of the system to operate properly. Radionics is not responsible for devices that are improperly installed, tested and maintained.

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* call for availability of alternate communications

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Specifications

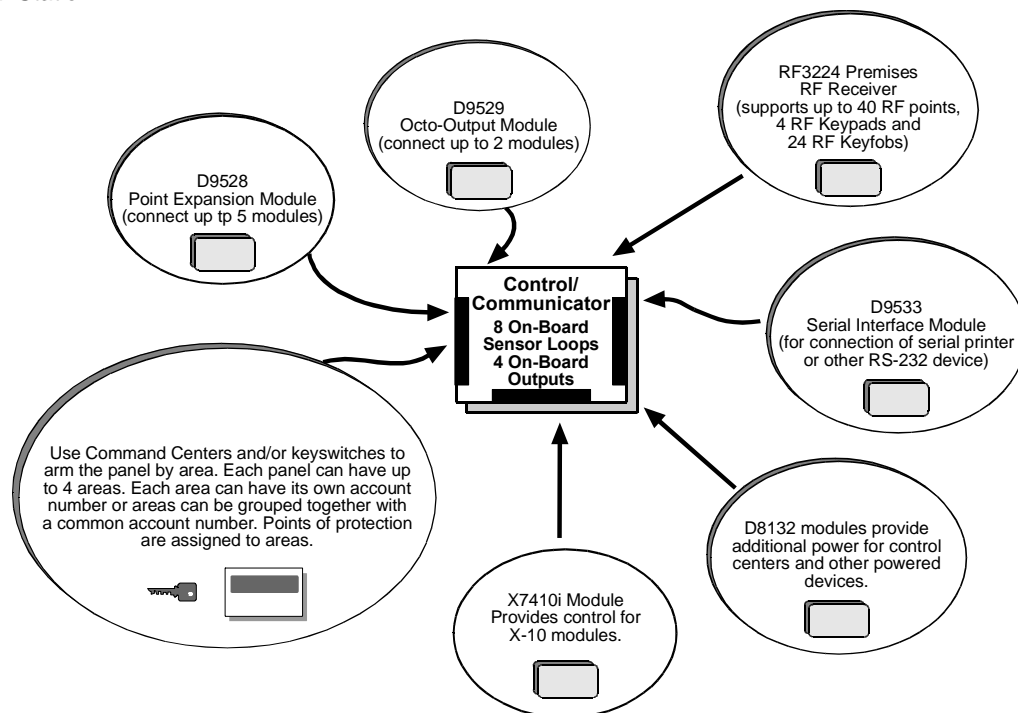| D6412 Specifications	
Min. Operating Voltage	10.2 VDC
Primary Voltage Input	18 VAC, 22 VA Class 2 plug-in transformer (D1825)
Secondary Voltage Input	12 VDC, 7 Ah, or 12 VDC, 18 Ah sealed lead acid rechargeable battery.
Current Requirements	100 mA
Power Outputs	600 mA max. continuous and 1.85 A max. alarm power at 11.5 to 12.4 VDC
SDI Data Bus	12 VDC nominal with 1,000 ft. (305 m) of #22 AWG (0.8 mm) wire; 2,000 ft. (610 m) of #18 AWG (1.2 mm)
Temperature	32°F to 122°F (0°C to 50°C)
Relative Humidity	5 to 85% at 86°F (30°C) non-condensing
Telephone Interface	RJ31X or RJ38X

Listings and Approvals

UL Fire

• 985 Household Fire Warning

UL Burglary

• 1023 Household
• 609 Local
• 1610 Central Station
• 365 Police Connect
• 1076 Proprietary

Ordering Information

Model	Description
D6412	Control/Communicator
D621	LED Command Center
D623	2-line, 16-char. LCD Command Center
D625	2-line, 16-char. Vacuum Fluorescent Command Center
D624	Telephone Command Center
D8132	12 V Auxiliary Battery Charger Module
D9528	Point Expansion Module
D9529	Octo-Output Module
D9533	RS-232 Serial Interface Module
X7410i	X-10 Control Module
RF3224	Wireless Premises Receiver
RF3332	2-button Keyfob
RF3334	4-button Keyfob
RF3341	Wireless Keypad

D6412 System Configuration

ISO 9002

CERTIFICATE NO. A5137