

**Linear** SECURITY<sup>®</sup>

**DVS SERIES  
SUPERVISED CONSOLES**  
**Two advanced controls  
for building  
wireless systems.**



**DVS-1200 12-Zone Wireless Console**



**DVS-2400 24-Zone Wireless Console**

- **Up to 1,500 foot transmission range**
- **Reduced potential for false alarming**
  - **Installation and programming ease**
- **Industry's most extensive line of transmitters**
  - **Two valuable plug-in voice options**

With the DVS series, Linear has put together a complete range of home security solutions, so installers can build just about any type of system they need. This tremendous flexibility is made possible by two supervised consoles/control panels with differing capacities, but with identical operating features and the same exceptional performance.

The DVS-1200 is a wireless console intended for apartments, condos, townhouses, smaller homes, and any other sites that require

12 zones of protection or less. The DVS-2400 is for larger residences, offering double the DVS-1200's capacity — 24 wireless security zones.

Both models feature full-function keypads with an LED display of each sensor/transmitter. The DVS-1200 and the DVS-2400 are uniquely-styled, ultra-compact, UL listed consoles with concealed antennas (for surface, flush, or tabletop mounting). The heart of both consoles is a superheterodyne radio receiver. Of course, the back-up battery is rechargeable.

The DVS series controls have six operating modes and can be configured for one-button

operation, for eight user codes (including duress), and to the SIA false alarm standard. Installation and programming are made easy by quick-learn transmitters and default settings that eliminate many steps. Two optional plug-in boards add valuable communications capabilities, including voice prompts, touch-tone telephone access, and



## A family of security controls with high user acceptance.

a two-way voice link for central station monitoring. Compatibility with the industry's widest line of transmitters and sensors (Linear's supervised DXS series and non-supervised DX series) means systems

can be tailored by site and by need.

Available models include door/windows, smokes, glass breaks, bill traps, keypads, and single and multi-channel personal transmitters in a variety of styles (handhelds, pendants, minis, and wristbands).

Linear offers total support for DVS security, including private labeling opportunities, demo kits, consumer literature, and instruction videos. In other words, everything you need for a successful program.



# Features

## Common

- Rechargeable back-up battery.
- Two outstanding plug-in options — voice prompts, touch-tone telephone access, either with or without two-way voice capabilities.
- Technology rich — superhet-driven superior range, full supervision, 1,000,000+ ID codes.
- Wide array of installer features — from quick-learn transmitters to Windows-based programming.
- Full complement of long-life battery transmitters with individual status reporting.
- Common default settings that eliminate programming steps.
- Many features to reduce false alarms: one-button arming; two-way voice link to verify alarms; system mode change confirmation by tones, indicator light, and English-language voice statements; over 1,000,000+ ID codes to prevent like-coded transmitters; FIRE and EMERGENCY buttons must be pushed and held for three seconds.

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## DVS-1200 Wireless Console Features

- 12 supervised wireless zones.
- Uniquely-styled, ultra-compact console.
- Surface, flush, or tabletop mounting.
- Full-function keypad with LED display.
- Configurable to most SIA false alarm standard specifications.
- Paging capability.
- Superheterodyne receiver technology with two antennas.
- Remote downloading.
- UL listed.







**You have complete flexibility in configuring home security systems with DVS series controls.**



# Specifications

## ELECTRICAL

**Primary Operating Voltage:** 120 VAC, 60 Hz

**Transformer:** UL listed, Class II, plug-in, 16 VAC, 1.25 A (supplied)

### Back-Up Battery:

**DVS-1200:** 1.2 Amp-hour, 12 VDC;

**DVS-2400:** 1.2 Amp-hour, 12 VDC;

## RADIO RECEIVER

**Type:** superheterodyne

**Operating Frequency:** 315 MHz  $\pm$ 125 KHz

**Sensitivity:** -100 dB minimum

**Antenna Type:** counterpoised bipolar design

**Compatible RF Formats:** Linear DX, DXS

## CONTROL PANEL

**Radio Zones:** DVS-1200: 12 supervised;

**DVS-2400:** 24 supervised

**PAC Codes:** eight total, including Duress, Installer, Paging, and five User

**Operating Modes:** Off, Chime, Home, Home Instant, Away, and Test

**Sensor Types:** 11 including Automation, Emergency, Panic, Fire, Perimeter, Exit/Entry, Interior, Chime Only, Arm/Disarm A, Arm/Disarm B, and Environmental

**Auxiliary Outputs:** Automation, External Console Speaker, and External Alarm Siren

**Memory:** EEPROM retains system programming during total power failure

**Operating Temperature:** 32 to 120°F (0 to 49°C)

## COMMUNICATOR

**Dialing:** DTMF or pulse dialing

**Reporting Formats:** 4 x 2, 20 PPS, or Ademco Contact ID

**Telephone Numbers:** primary, secondary, and supervisory (paging); Reports: full zone reports, console reports, general system reports, forced arming, and duress PAC

Note: paging application uses the supervisory telephone number to access the pager

## PHYSICAL

### Dimensions:

10.5 in L x 7.75 in W x 2.87 in H (267 x 197 x 73 mm)

**Weight:** 3 lbs (1.36 kg)

## ACCESSORIES

**VB-3:** voice board with voice prompts and remote telephone access capabilities

**Remote Telephone Access Modes:** from remote touch-tone telephone and from local touch-tone telephone

### Telephone Access Methods:

**From A Remote Telephone**—dial, redial, enter PAC code plus #; console will report system mode, alarms, and trouble; user may change system mode of operation

**From A Local Phone (DVS-2400 only)**—press # # #, enter PAC code plus #; console will report system mode, alarms, and trouble; user may change system mode of operation

**Voice Prompt Vocabulary:** 32 words, including key system words, modes, zone numbers, conditions (i.e., "System Armed, Away Mode")

**VB-2:** voice board with voice prompts and remote telephone access capabilities same as VB-3, plus 2-way voice

**Two-Way Voice Modes:** a total of three — listen only, two-way manual, and full duplex

**Two-Way Voice Switching Modes:** listen only — none; two-way manual — press 1 to talk; press 3 to listen, press 9 to disconnect

**Remote Access Software:** Linear RA-2400 allows complete access for programming or modifying DVS-1200, DVS-2400, DUAL-824, and PERS-2400 products

Specifications subject to change without notice.

# Linear®

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