VISTA-120

The VISTA-120 series has been well established in the international marketplace as a full featured and reliable control panel. Ademco is now pleased to announce the coming arrival of an advanced upgrade of this already well respected product line. Among the upgraded features is the integration of access control capability into VISTA-120 with support of up to 8 VISTAKEY door control modules on its VPLEX polling loop, 250 proximity card holders in addition to its 150 keypad user codes, and an expanded event log of 512 events. In addition, this enhanced version supports the QUEST 2260SN VPLEX Dual Tec sensor as a "smart" sensor allowing more of these sensors to be powered from the polling loop than as a conventional sensor and allowing remote keypad control of their walk test LEDs.

FEATURES:

Control Panel

Dependable features to meet your most demanding installations:

- 9 basic wired zones
- 128 total zones
- Eight partitions
- 150 user codes operational in all partitions
- 7 authority levels
- 5800 wireless compatible
- Supports 2-wire multiplex
- 512 event memory log-printer option
- Scheduling of events (real time clock)
- Up to 4 32 character keypad macros per Partition
- Master console 9th partition option for viewing of the status of all partitions at once
- Up to three common area partitions

- Faster downloading
- Supports TeleCommand Remote Telephone control module
- Supports up to 96 relays and/or 32 X-10 A.C. main line carrier modules (50 or 60Hz)
- Supports one keyswitch per partition
- Integrated Audio or Video Alarm verification options
- Integrated VistaKey Access Control System capability with support for up to eight doors and 250 cardholders
- RS232C and network bus outputs for building automation system or TCP-IP network interface

ADEMCO International

VISTA-120

SPECIFICATIONS:

VISTA Plus Advantage:

The VISTA Plus family is a series of totally compatible control panels designed to support the easiest to use end user devices available. In addition, powerful output control through relays and X-10 powerline carrier receivers can activate lights, appliances, garage doors, and numerous other home and business devices.

The VISTA-120 can report opening and closing by exception. This cuts down on central traffic, thus reducing phone line charges.

Up to three partitions can be assigned as common areas which can be automatically armed when all partitions assigned to a common area are armed and which automatically disarm when the first partition of the group of partitions assigned to it is disarmed

Advanced Scheduling:

Time and date schedules for controlling user code access to the protected areas, relays/X-10 AC power line carrier devices, automatic arming (with restricted time windows for manual disarming, and for internal monitoring of partition openings/closings with exception reporting. Supports up to 16 programmable holidays, daily and weekly schedules, one week look ahead temporary schedules, and same day override of daily schedules.

Event Log:

- 512 event log viewable through the downloader, 6164 keypad, or on-site printer

Faster Downloading:

- Two-way downloading

End User Simplicity:

- The **Vista 120** supports unique end user interfaces that simplify your customer's life
- **TeleCommand -** Interactive Remote telephone control module allows multifrequencies telephones to function as local or remote keypads. Responds in high quality local language for zone descriptors and system prompts for the user (English, Spanish, Italian, Portuguese, French and Chinese supported)
- **5801** – 4 button programmable wireless remote
- **5802/5802CP** – Wireless necklace and clip-on pendant
- **5802MN/5802EU/5802AP/5802H** – Supervised necklace/clip-on pendant
- **5804/5804EU/5804AP/5804H** – 4 button programmable wireless key
- **5804BD** – 4 button programmable 2-way wireless key
- **5827BD** – Full featured 2 way wireless keypad

Compatible Keypad

- **6164** – Large 2 x 16 custom LCD backlit display backlit keys, 4 auxiliary keys
- **5839/5839EU/5839H** – Large 2 x 16 custom LCD backlit display, backlit keys, 4 auxiliary keys, Wireless Keypad

Built-In User's Manual

- The 6164 keypad displays user information and instructions with the touch of a button.

Convenience and Control

The VISTA-120 can control up to 96 different devices within the home or place of business these devices can be activated by:

- Wireless devices
- Wired keypads
- Telecommand Remote Telephone Control Module
- System events (AWAY, STAY, ARM, etc.)
- Timed events and/or schedules

Manual bypass of any zone whether the system is armed or disarmed (optional).

The Best Wireless

- The 5800 supervised series boasts outdoor range of up to 1.5Km.

Alarm Verification

- The VISTA-120 provides the features sought worldwide by police agencies seeking to reduce false alarms.

Audio Alarm Verification

- VISTA-120 in conjunction with a microphone/speaker audio control unit (UVS/UVS-EU) can provide two-way communication on the same telephone call as the alarm transmission and will silence all alarm sounders – keypad and main alarm, during the 2-way voice session.

Video Alarm Verification

- VISTA-120, in conjunction with ADEMCO's up to 8 camera Transpac video transmitter, can transmit pre-alarm and post-alarm color still images (NTSC or PAL format) on the same phone line and during the same phone call used for the alarm transmission. The configuration can be used with ADEMCO's 685 digital receiver and video processing PC at the receiving end. The 685 will process Contact ID format data that cause it to signal the video processing PC to take over the phone line and process the compressed video data being transmitted. The PC can capture images on hard disk. For improved management control of protected facilities, remote site initiated call-in is possible to view video from the facility during non-alarm situations

PASSPOINT Access Control System Interface

- PTVGM (Vista Gateway Module) interface to PassPoint
- PassPoint ACS uncommitted zones available as Vista-120 zones
- Vista-120 arming devices can be used for PassPoint access
- Access can be linked to area arming status and user authority level

VISTAKEY Access Control System Integration

- Up to 8 door support using 1 each VISTAKEY-SK-EX per door
- Supports for up to 250 HID compatible or Wiegand 34 bit format cards

BUS Output

- ASCII Contact ID Output Data Packet on ECP bus for X.25/TCP-IP/ISDN B or D Channel Network Interface
- Printer Output Optionally Reprogrammable for ASCII Contact ID Data Output for Direct Computer Interface to Building Automation Systems

Technical Specifications
Electrical

- Aux. Power 12 VDC, 750mA max
- Supports up to 7 AH battery
- 4 hour standby at 400 mA Aux load with 4 amp hour battery
- 16.5 VAC/40 VA transformer required
- Alarm output 12 VDC up to 2.8 Amps

Output Control

- Supports up to eight relay boards (part number 4204)
- Each 4204 supports 4 relays for a total of 32
- Supports up to 64 4101SN relays
- Optional X-10 transformer/interface (part number 4300 for 115v/60Hz or XM10E/XF10 for 230v/50Hz) may be used to control up to 16 X-10 mains line carrier receiving devices
- Each X-10 receiver address counts as 1 relay when computing total relays on the VISTA-120 system
- Real time clock schedules can be used for relay/X-10 control

Supported Devices
Wireless Receiver Systems

- 5800 Receivers (5881ENL/M/H, 5882AP, 5882EU, 5882EUH).
- All Receivers Support
- 5827BD/5804BD 2 way wireless keypad/RF key (5881EN/L/M/H only).
- 5839 2 way wireless alarm display Keypads (not with 5882AP).
- Diversity reception with two antennae.

- Remote mounting for best location.
- User of second receiver for maximum coverage or large installations.
- Unique supervision and low battery indications by point.

Wired Expansion Devices

- Wired Expansion Devices
    - 4208U up to 8 zones – 16mA
    - 4204 up to 4 relays – 15 mA (each active relay draws 40mA)
    - 4193SN/4190SN 2 zone RPM – 1mA
    - 4293SN 1 Zone RPM – 1 mA
    - 4209U 4 smoke detector zones group terminator – 7mA
    - 4101SN 1 zone RPM with 1 relay – 7mA
- Powerline Support
    - 4300 transformer/interface (115 VAC, 60Hz)
    - XF10 transformer/interface (230 VAC, 50Hz)
    - XM10E interface (230 VAC, 50Hz)
- Keypad
    - 6164, custom words – 100mA
- TeleCommand – 160mA
- Two Wire Smoke Detectors
- Duct Detectors
- Polling Loop Devices

    998MX – Anti-creep zone addressable Fresnel lens PIR, serial number Learn Mode or DIP switch programmable, low current 1mA

    4278EX-SN – Addressable quad element mirror optics PIR, serial number Learn Mode programmable, low current 1mA

    4278EX – Addressable quad element mirror optics PIR, DIP switch programmable, low current 1mA

    4275EX – Addressable dual element mirror optics PIR, DIP switch programmable, low current 1mA

    4275EX-SN – Addressable dual element mirror optics PIR, serial number Learn Mode programmable low current 1mA

    QUEST2260SN – Addressable dual technology (Microwave/PIR), X band, serial number Learn Mode programmable, low current 6ma, panel control of microwave operation based upon system arming state for reduced current usage. Not for sale in EEC countries

    9500SN – Addressable dual technology (flex/sound) glassbreak detector with remote keypad initiated self-test function, serial number Learn Mode programmable, low current 1mA

    5192SD – Addressable photo-electric low profile smoke detector, serial number Learn Mode programmable, low current 1mA

VISTA-120

Control Panel

5192SDT – Addressable photo-electric low profile smoke detector with 57°C heat detector, serial number Learn Mode programmable, low current 1mA.

• Keyswitch Devices, one per partition

Transmitters

• 5800 Family

   - 3 volt Duracell lithium batteries

   - 300 to 1.5Km range

   - Water resistant pendants

   - Tamper protection standard

Communications

•Multifrequency or decadic

• Formats supported – ADEMCO Contact ID, ADEMCO 4 + 2 Express, ADEMCO Low Speed, Sescoa/Radionics, Robofon Contact ID

• 3 + 1, 4 + 1 and 4 + 2 reporting

• Reporting capabilities – Split, Dual, Split/Dual

• Expanded Reporting

• Hexadecimal reporting supported

• Up to 4 digit PABX code supported

• Up to 17 digit telephone numbers

• True dial tone detection

• Double pole line seizure

• Low battery reports 11.2 – 11.6 VDC

• AC loss and restoral reporting supported

Agency Listings

• Finnish PTT

• Norwegian PTT

• Swedish PTT and insurance approval

• Dutch PTT

• Austel

• French PTT

• ANPI insurance approval

• CE

• TBR 21 approval

ORDERING:

Part No.	Description
VISTA-120:	Control/communicator with cabinet
VISTA-120LCT:	Control/communicator, PCB only
VISTA-120SC:	Scandinavian c/com (Finnish, Norwegian, Swedish PTT approved) with cabinet
VISTA-120A:	Australian c/com (PTT approved) with cabinet
VISTA-120NLLCT:	Dutch c/com (PTT/ANPI approved) PCB only

ADEMCO International