



VISTA-120

- 9 basic wired zones standard
- 128 total zones
- 8 partitions standard
- 150 user codes operational in all partitions
- 7 authority levels
- 5800/5700 wireless compatible
- Supports 2-wire multiplex
- 224 event memory log/printer option
- Scheduling of events (real time clock)
- Up to 4 32 character keypad macros
- Master console 9th partition option for viewing of the status of all partitions at once
- Up to 3 common area partitions
- Faster downloading
- Supports 4285 VIP Telephone module
- Supports up to 32 relays and/or X-10 A.C. Mains Line Carrier Modules (50 or 60Hz) plus up to 64 open collector output or relays
- Supports one keyswitch per partition
- Integrated Audio or Video Alarm Verification Options.

ADEMCO



Application:

The VISTA-120 is ideally suited to facilities requiring the flexibility of partitioning, event logging and the use of timed events to provide end users with new standards of security, ease of use, and enhanced system control. Facilities such as schools, hospitals, commercial offices, manufacturing facilities, shopping malls, warehouses and multi tenant residential applications are typical facilities requiring the flexibility of the VISTA-120

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 open collector outputs, output relays and X-10 powerline carrier receivers can activate lights, appliances, garage doors, and numerous other home and business devices. The Vista-120 has 150 User IDs each with access to all partitions. The master console allows for global viewing of all partitions at a glance. Up to 3 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 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

This feature provides time/date stamping of all events within the system. Categories for logged

information can be selected as follows:

- System events only
- All events
- Alarms and restorals'
- Trouble and restorals
- Openings/Closings
- Bypasses

All events can be displayed on the local consoles, or printed on a standard serial printer (printer not supplied). 224 event log viewable through the downloader, 6139 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.
- 4285 - VISTA Interactive Phone (VIP) module allows TouchTone telephones to function as local or remote keypads. Responds in high quality English, with over a 100 word vocabulary for zone descriptors and system prompts for the user.
- 5801 - 4 button programmable wireless remote
- 5802/5802CP - Wireless necklace and clip-on pendant
- 5802MN/5802MN2/5802EU - Supervised necklace/clip-on pendant
- 5804/5804EU programmable wireless key.
- 5804BD 4 button programmable wireless key
- 5827 - Wireless keypad transmitter
- 5827BD - Full featured 2 way wireless keypad
- 5839EU - Bidirectional wireless keypad

Compatible Keypad

Ademco has taken keypad technology to new heights. These keypads offer ease of use, sleek design, and a removable door

- 6139 - Large 2 X 16 custom LCD backlit display, backlit keys, 3 auxiliary keys.

Built-In User's Manual

The 6139 custom 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
- VIP phone 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 5800/5800EU supervised series boasts outdoor range of up to 1.5Km.

Alarm Verification

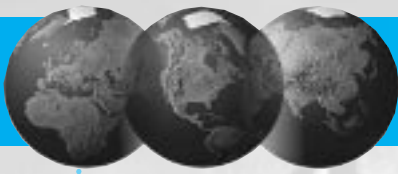
The VISTA-120 provides the features sought worldwide by police agencies seeking to reduce false alarm.

Audio Alarm Verification

VISTA-120 in conjunction with a microphone/speaker audio control unit 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 video transmitter, can transmit pre-alarm and post-alarm black and white or colour still images (NTSC or PAL format) on the same phone line and during the same phone call used for the alarm transmission. This configuration can be used with Ademco's 685 digital receiver and video processor at the receiving end. The 685 will process Contact ID format data that cause it to signal the video processor to take over the phone line and process the



compressed video data being transmitted. Two levels of video processing are offered - a simple and economical processor/monitor combination and a higher level PC based system that 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.

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 req'd
- Alarm output 12 VDC up to 1.7 Amps

OUTPUT CONTROL:

- Supports up to eight relay modules (part number 4204)
- Each module supports 4 relays for a total of 32
- Supports up to 16 4208UXM 8 zone expanders, each with 4 programmable open collector outputs, each 50 mA capable
- Supports up to 64 4101 I/O expanders, 1 zone/1 relay
- Optional X-10 transformer/interface (part number 4300 for 115v/60Hz or XF-10 or XM10E for 230v/50Hz) may be used to control 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 can be used for relay/X-10 control

SUPPORTED DEVICES:

Wireless Receiver Systems

- 5800 Receivers
 - 5881L up to 8 zones - 50mA
 - 5881M up to 16 zones - 50mA
 - 5881H/5882EU up to 128 zones - 50/65 mA

- 5700 Receivers
 - 4281L up to 4 zones -30mA
 - 4281M up to 8 zones -30mA
 - 4281H up to 64 zones -30mA
- All Non-EU Receivers Support:
 - 5827BD 2 way wireless keypad
 - 5804BD 2 way wireless keyfob
- Diversity reception with two antennas
- Remote mounting for best location
- Use of second receiver for maximum coverage or difficult installations
- Unique supervision and low battery indications by point

Wired Expansion Devices

- Wired Expansion Devices
 - 4208U/4208UXM up to 8 zones - 16mA/current for 4208UXM is higher
 - 4209U up to 4 2-wire smoke detector zones, each able to support 16 detectors or 2-2 wire smoke detector zones each able to support 32 detectors
 - 4204 up to 4 relays -15mA (each active relay draws 40mA)
 - 4193SN/4190SN 2 zone RPM - 1mA
 - 4293SN 1 Zone RPM - 1mA
- Powerline Support
 - 4300 transformer/interface (115 VAC, 60Hz)
 - XF10 transformer/interface (230 VAC, 50Hz)
 - XM10E interface (CE) (230 VAC, 50Hz)
- Keypads
 - 6139 - 16 chars x 2 lines of custom words —100mA
 - 5839EU - 16 chars x 2 lines of custom words - 9V battery powered or AC powered
 - 2 way wireless for use with EU Receiver
- Voice Module 4285 VIP - 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 enrollment 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*

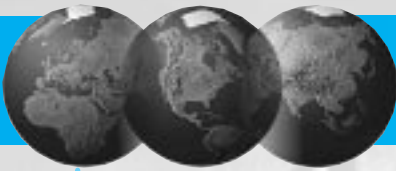
- * These PIRs have remote keypad controllable walk test LEDs.
- 9500 Addressable dual technology (shock/sound) glassbreak detector with remote keypad initiated self-test function, DIP switch programmable, low current 1mA
- 4192CPM Addressable ionisation products of combustion detector, maintenance signaling, serial number programmable, low current 1mA
- 5192SD Addressable photo-electric smoke detector, maintenance signaling, serial number programmable, low current 1mA
- 5192SDT Addressable photo-electric smoke detector with 57°C heat detector, maintenance signaling, serial number programmable, low current 1mA
- Key Switch Devices, one per partition

TRANSMITTERS:

- 5800 Family
 - 3 volt Duracell lithium batteries
 - Near 1.5Km range
 - Water resistant pendants
 - Tamper protection standard
- 5700 Family
 - 9 volt alkaline or lithium batteries
 - 1 Km range

Communications

- Touch tone or decadic pulse dial
- Formats supported
 - Ademco Contact ID
 - Robofon Contact ID
 - Ademco 4 + 2 Express
 - Ademco Low Speed
 - SESCOA/Radionics
- 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

Homologations

CE
Norwegian, Swedish,
Finnish PTT,
Dutch PTT, Italian PTT
French PTT, Austel

Printer Output

- Serial Output
- 300 or 1200 baud output
- 4100SM RS232C interface adapter
- Optionally reprogrammable for ASCII contact ID output messaging for direct computer interface

BUS Output

ASCII contact ID UC output data packet on ECP bus for X.25/TCP-IP/ISDN B or D channel network interface

PASSPOINT Access Control System Integration

- VGM (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

How to Order:

VISTA-120: Control/communicator with cabinet
VISTA-120LCT: Control/communicator, PCB only.
VISTA-120 NLLCT: Dutch control/communicator, PCB only.
VISTA-120FR: French control/communicator with cabinet
VISTA-120OSC: Scandinavian control/communicator with cabinet
VISTA-120A: Australian control/communicator with cabinet