



Presto Networks, Inc. introduces the 21st Century of IP Video Surveillance: The **PrestoGate 1000**. The first networked video appliance that brings together all aspects of IP video surveillance: Security, Scalability, and Ease-of-Use. IP camera network security, video management, full-frame recording, video rebroadcast, and double Power over Ethernet (POE) are all integrated into a powerful, easy to install network appliance.

Multilevel security measures guarantee the integrity of your IP cameras and video surveillance network. Dual firewalls and proxies prevent cameras from being attacked by would-be hackers. Cable integrity monitoring not only insure the cameras are connected but also measure the distance to any failure. Dual authentication methods prevent unauthorized users and equipment from accessing the video network. Hardware level encryption prevents hijacking of the video streams.

The PrestoGate 1000's internal storage, with MPEG-2 and MPEG-4 video compression, guarantees that you maintain a complete, full-frame video, record of events.

Auto-aging means you control the amount of video you want to keep and insures there is always recording space available.

A simple integrated menu allows total control over the PrestoGate 1000. Camera PTZ, recorded and live video, alarms and routes, video archive, and configuration are all in one place.

The PrestoGate 1000 offers unlimited scalability. Hundreds of cameras are no problem; each PrestoGate 1000 creates a secure and robust network for the cameras attached.

Add a PrestoGMS to bring multiple PrestoGate 1000s under a single interface and control.

Features

- Plug-and-Play like configuration
- Protects cameras from network hackers
- Intelligent bandwidth management insures video stream quality
- Video server support allows monitoring and control of CCTV cameras
- Connect a virtually unlimited number of cameras
- Remote monitoring through firewalls
- Multilevel camera security and user protection
- Patent-pending high POE delivers twice the standard POE power

PrestoGate 1000

Networked Video Gateway





Specifications

Network and Security

- High performance switch / router
- Internal and external stateful firewall and IP filtering
- Static or dynamic IP address
- Dynamic IP allocation for connected cameras and video servers
- MAC address authentication and cable connection alarm
- Intelligent bandwidth management
- SSL with hardware encryption
- Multicast video streaming with dynamic VLAN
- Video surveillance proxy
- Multi-level password protection
- 802.3af compatible POE source delivers up to 30W per port

Management and Recording

- Up to 600GB internal cache
- 16-channel D1 (2Mbps) or 64-channel CIF (500kbps) recording
- Simultaneous 32 D1 streams or 128 CIF streams playback through onscreen, DVR-like controls
- Supports multiple streaming protocols (HTTP, TSP / RTP / SDP, HTTP tunneling)
- Search by time, date or event
- UPNP-based automatic camera discovery and configuration
- Dynamic event notification
- Camera management through a single, unified user interface

- Clustered operation and redundancy management for maximum scalability and reliability

Electrical

- Power supply: 120 to 240 VAC, autoranging adapter
- Power consumption: 150W max
With POE option: 650W max

Connectors

- Power connector: Standard IEC power receptacle
- Backend Connectors: 1 Gigabit Ethernet port (RJ-45) and 1 SFP optical connector
- LAN – 16 10/100 Ethernet ports: RJ-45

Environmental

- Operating temperature: 32 to 122°F (0 to 50°C)
- Storage temperature: -4 to 140°F (-20 to 60°C)
- Relative humidity range (non-condensing): 10 to 95%

Physical

- Weight: 9.25 lb. (4.20 kg)
- Dimensions: 1.75 in. x 18.95 in. x 18 in. (44 mm x 482 mm x 458 mm)

Regulatory

- FCC

For More Information

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