



Kastle Ruggedized Gateway model G1004-8-XT



Compact cloud-managed gateway with advanced analytics and cloud backup.

The Kastle Ruggedized Gateway (G1004-8-XT) is a compact smart surveillance solution. With industry leading analytics technology that has been proven for over 20 years, the G1004-8-XT turns IP cameras into a pro-active detection solution. With an extended temperature rating combined with a tiny 4.5 inch x 4.5 inch form factor, the G1004-8-XT can be deployed virtually anywhere. The Kastle Ruggedized Gateway has a capacity of up to 8 cameras and adds video analytics with cloud backup in full 4MP resolution.

The Kastle Ruggedized Gateway is configured and managed through Kastle's Cloud VMS. Combine multiple Ruggedized Gateways and federate them into a single unified solution through Cloud VMS. Convert your IP cameras to an alarm sensor and send notifications to central stations for faster, verified response. There has never been an easier way to provide comprehensive security.

FEATURES



ADVANCED VIDEO ANALYTICS

Converts security cameras into intelligent video sensors by accurately detecting people, vehicles, loitering and zone-of-interest violations. Dramatically reduces false alarms by up to 85% vs. outdoor PIRs



NETWORK SECURITY

Secure encrypted communications. Hacker-proof and secured against network attacks



CLOUD MANAGED

No software to download or install -- ever. Each channel has built-in tamper detection and 24/7 health monitoring.



SECURE CLOUD STORAGE

Stores all alert video clips at an offsite location, ready for instant search and viewing.

BENEFITS

VERIFIED ALARMS

All IP cameras connected to the NVR become alarm sensors, enabling verified monitoring and push notifications. Be alerted instantly to possible

MULTI-SITE FEDERATION

View cameras from multiple sites or recorders through a single interface, without ever having to log into the

AUTOMATED SYSTEM HEALTH MONITORING

The system automatically issues proactive alerts in case of camera tampering, poor video quality or loss of communication.

VIDEO SEARCH ENGINE

Find relevant video in seconds, saves hours of time compared to traditional DVR's.



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ALARM EVENTS (ANALYTICS)

Analytics Setup
Calibration-free, auto-adapting analytics
Classification and Tracking Engine
Moving person
Moving vehicles
Detects moving objects (eliminates environmental motion)
Zone violation
Loitering
Stopped vehicle
Unlimited polygonal detection zones

Video Alarm Clip
10-second video clip generated upon trigger of alarm, contains 2-4 seconds of pre-alarm video

Alarm Triggers
Presence of person, vehicle, or motion
Poor video
Loss of communication

Central Station Automation Integration
Bold Manitou, Micro Key MKMS, SIMS II/III, SureView
Immix®,
API available for integration to PSIMs

VIDEO

Input Video
RTSP streams, 2 second GOV, ONVIF discovery

Resolutions
Supports 8 x 4MP cameras.

Video Playback
Local viewing, Web Playback, iPhone® and Android™ Apps

Streaming and Transcoding
RTSP re-streaming of all input video
Transcodes incoming video to 720p

NETWORK

Wired
Dual Wired (10/100) Ethernet. LAN port for IP camera network. WAN port for uplink using wired Internet connection. Note that networks ports are not PoE..

Protocols
TCP/IP, UDP, HTTP, HTTPS, ICMP, DHCP, NTP

GENERAL

Dimensions
4.5" (h) x 4.5" (w) x 1" (d)

Connectors
Power, HDMI, USB

Operating Conditions
-20°C to 60°C (-4°F to 140°F)
Humidity: 10% to 90%, no condensation

Power Source
Max: 10W (XT) or 12W (LTE). Includes 2A power supply.

Weight
1 lb

Approvals
FCC, CE

RECORDING

Cloud recording of event video at up to 4MP.

OUTPUT

Monitor
Supports external 1080p HDMI display

Live Matrix Display
2x2, 3x3 live display and PTZ control of ONVIF cameras