MINI-EDGE 1 ~ 4 CHANNEL VIDEO COMPRESSION GATEWAY (MG-ENVP-JNN)

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PRODUCT
IMAGES

PRODUCT
DIMENSION

102mm

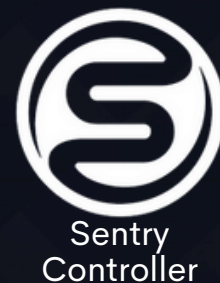84mm

114mm

54.7mm
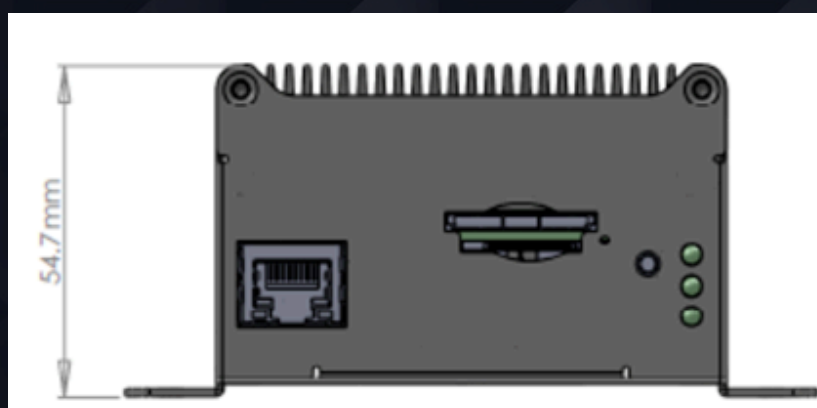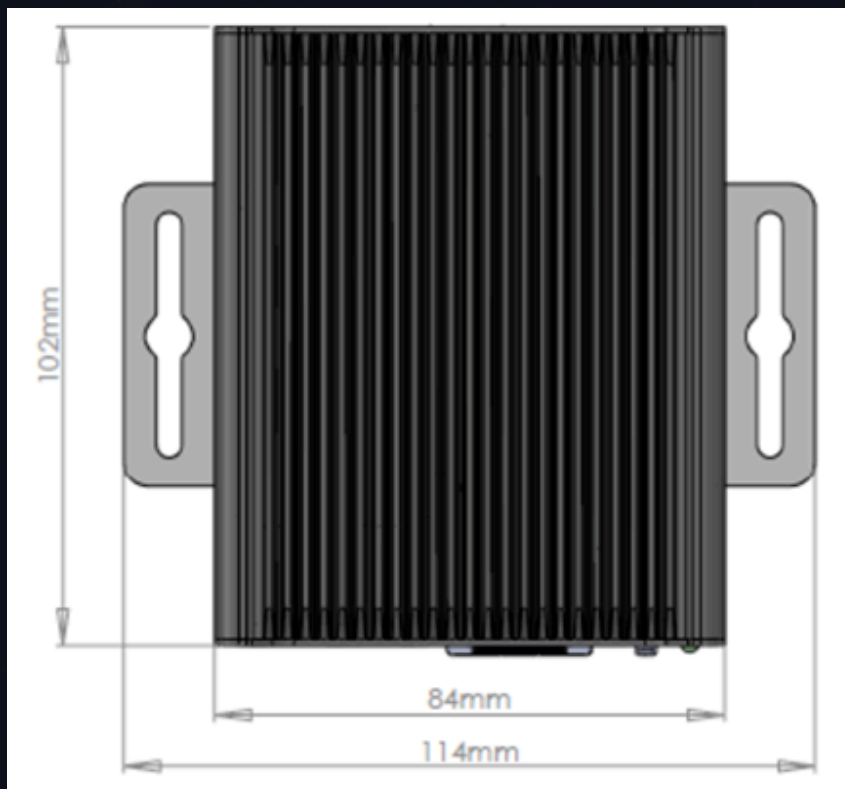
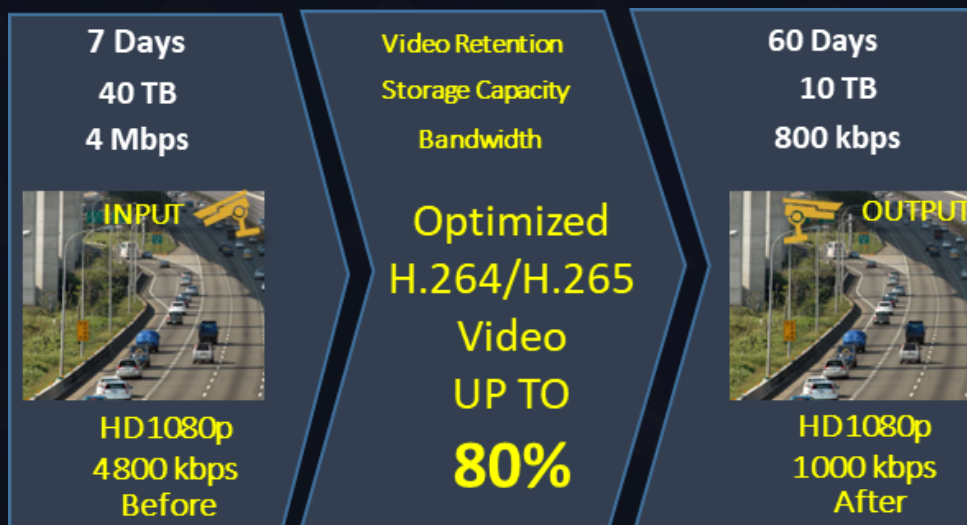# PRODUCT
DATASHEET

Sentry Controller

- **Item Model:** MG-eNVP-JNN
- **Channel:** Up to 4 Channel
- **Compression:** H.264/H.265 @ up to 80%
- **Protocol:** ONVIF / RTSP
- **Resolution:** 720p/1080p/4K(1CH)
- **Processor:** Quad-core ARM Cortex A57 MPCore Processor
- **OS:** Linux
- **Memory:** Onboard 4GB 64-bit LPDDR4
- **Ethernet:** GbE port x1
- **USB:** USB 3 x 3
- **Power Input:** DC 12V (3-pin terminal block)
- **Operating Temperature:** -20°C ~ 55°C
- **Humidity:** 95%@40°C (non-condensing)
- **Certificate:** CE, FCC, MIL-STD-810G
- **Dimension (mm):** 84 (L) x 102 (W) x 54.7 (H)
  (3.30" x 4.01" x 2.15")
- **Weight:** 0.3kg

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Sentry Controller

Input: 7 Days / 40 TB / 4 Mbps — INPUT — HD1080p / 4800 kbps / Before

Video Retention / Storage Capacity / Bandwidth — Optimized H.264/H.265 Video UP TO 80%

Output: 60 Days / 10 TB / 800 kbps — OUTPUT — HD1080p / 1000 kbps / After

OVERVIEW ▶▶▶▶

- HD Video Compression Gateway
- Low bitrate video streaming enhancement
- Transmit bandwidth reduced by up to 80%
- Storage space reduced by up to 80%
- Most suitable to deploy in remote critical infrastructure that bandwidth availability is limited
- Provide long hours of critical Video backup using only minimal storage space

SYSTEM FUNCTIONALITY ▶▶▶▶

- Compatible with all IP Cameras with ONVIF/RTSP protocol.
- Integrated with most Video Management Software.
- Provide video stream to Open Platform Architecture VMS for large scale deployment of thousands of cameras
- Addresses the obstacle of high bandwidth cost and low-quality video feed for real-time remote monitoring

VIDEO FORMAT ▶▶▶▶

- H.264 & H.265
- HD720p , HD1080p, 4K
- RTSP & ONVIF

KEY ADVANTAGES ▶▶▶

- Transmit HD video over Wi-Fi, 3G, 4G. 5G or Satellite
- Eliminates the pain of high bandwidth requirement
- Transporting high-quality video across low bandwidth public and private networks
- Transfer Large Video content over small bandwidth
- Reduce Storage requirement and cost
- Reduction of monthly data charges Operation cost.

KEY BENEFIT ▶▶▶▶

- Large Data over small bandwidth
- Compressed + Decompressed on single hardware
- No requirement for any decoder on receiving end
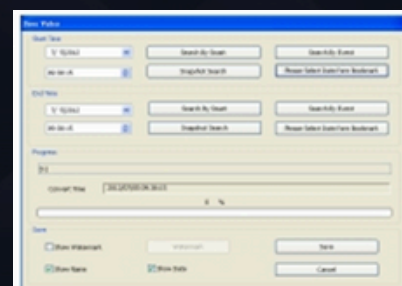- Supported by any open platform video management platform

REMOTE
MANAGEMENT

Sentry Controller

Live View

Playback

Clip Download

Ultra–Low Bandwidth Video Stream Compression

Live View Stream channel will be Compressed for low latency CMS display

Playback Video channel will be Compressed for low latency CMS display

Selected Video Clips will be Compressed for Smaller File Size faster download

Up to 80% Saving on Bandwidth resulting In Reduce Operational Costs

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SYSTEM
ARCHITECTURE

EXAMPLE OF
DEPLOYMENT

SYNIX
TECHNOLOGY PTE LTD
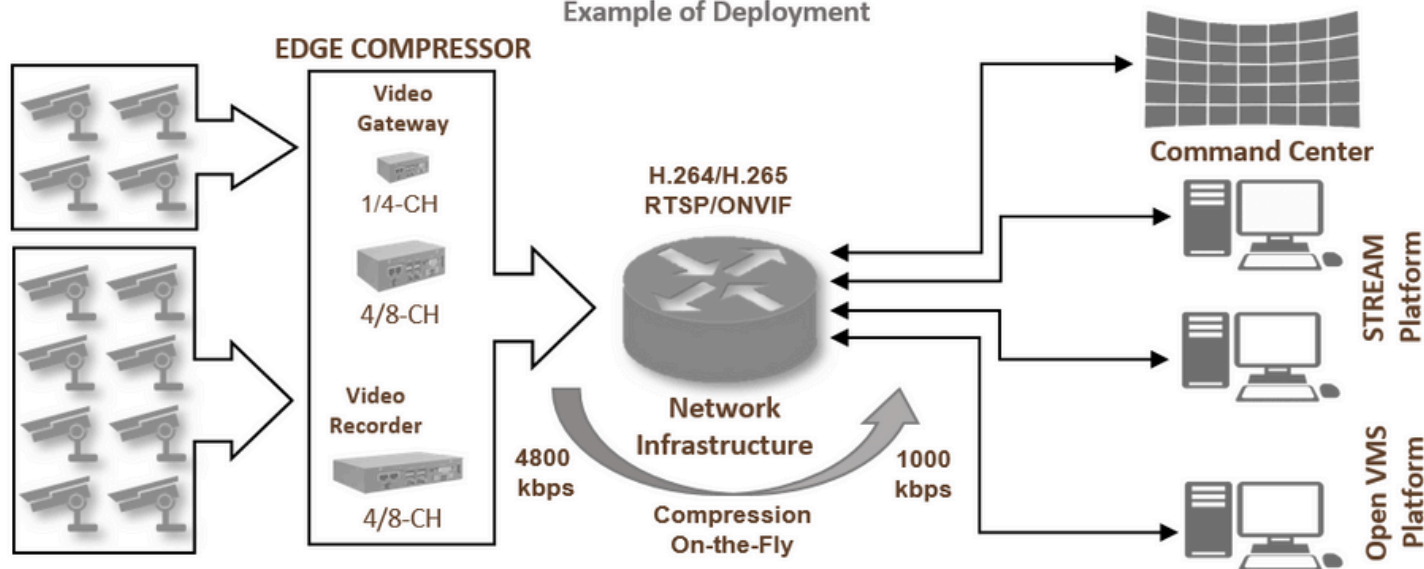
CONTACT
INFORMATION

Let's Connect With Us!

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