

## Deliver video at scale, lower costs and reach markets faster with MEG.mini

Free your content and distribute it at scale to thousands of locations instantly with Media Edge Gateway mini (MEG.mini), remove lengthy and costly equipment distribution, and deliver new channels and markets fast and frictionless in days.

Media Edge Gateway mini is a flexible, software-optimized single-channel endpoint powered by Synamedia's Media Edge Gateway (MEG) software stack. It offers flexible edge processing, cloud-to-ground connectivity, and the ability to adapt content to the needs of Affiliates and MVPDs.

Switch to IP video distribution with MEG.mini edge processing providing secure delivery across IP, CDN and satellite networks for a frictionless transition. Single channel HD decode, transcoder and secure content handoff with SRT and PowerVu content protection. With its flexible CAPEX and OPEX commercial model, you can adapt to evolving content distribution demands without the burden.

MEG.mini addresses customers ask to reduce delivery costs, time to market and operational complexity with deployment in days on locally sourced, readily available platforms matched to the processing needs of single channel delivery. MEG.mini is a natural extension of Quortex PowerVu adding optimized edge processing with centralized management and monitoring.

### Key Functionalities

#### Flexible Processing

- Single channel transcoder up to 1080i/720p
- SRT receive endpoint
- Single MPEG-2 Transport Stream descrambler
- Locally sourced HW platforms

#### Ease of Use

- Easy in-field software installation and setup
- Operational focused interface reducing configuration time
- Centralized control and monitoring with Quortex PowerVu

#### Future options

- HLS and DASH/CMAF input
- DRM decryption
- PowerVu CA Decryption
- Decode to SDI

### Technical Advantages

- SRT input
- Satellite input using Tuner USB card
- MPEG-2 Transport Stream over HTTP (TSoverHTTP)
- SRT AES-128/192/256 decryption
- BISS1 1/E decryption
- Decode to HDMI
- Transcoding from/to MPEG-2, AVC and HEVC
- SMPTE 2022-2 output
- Graphic overlay functions for content identification

# Synamedia Approved Platforms and I/O for local sourcing

Type	Name	Supplier	Additional info
Mini PC	EQ13	Beelink	Intel N100 16GB DDR4 RAM 500GB SSD
Mini PC	Mini S12	Beelink	Intel N95 8GB DDR4 RAM 256 GB SSD
Satellite Input	TBS5530	TBS Technologies	Multi-standard Universal TV Tuner USB Card

## Product Specifications

Processing	
Input Types	<ul style="list-style-type: none"><li>• SRT, TSOVERHTTP, SMPTE 2022-2</li></ul>
Output Types	<ul style="list-style-type: none"><li>• SMPTE 2022-2</li></ul>
Decryption	<ul style="list-style-type: none"><li>• SRT sources protected with AES-128/192/256 transport encryption</li><li>• MPEG-2 Transport Streams protected with BISS1 I/E payload encryption</li></ul>
Decode	<ul style="list-style-type: none"><li>• SDI (via USB based SAT receiver) and HDMI up-to 1080p</li></ul>
Transcoding	<ul style="list-style-type: none"><li>• From/to MPEG-2/AVC/HEVC</li></ul>
Monitoring and Management	<ul style="list-style-type: none"><li>• Web UI</li><li>• Centralized monitoring via Quortex PowerVu</li><li>• Open API enabling third party component integration</li></ul>

## Ordering Information

Description	Part Number
Synamedia MEG software application (to be installed on locally sourced platforms)	MEG-APPS

## Services & Support

Synamedia provides a broad portfolio of services and support to increase your network's business value and return on investment. We take a customer-centric approach, aligning our level of support to your technological requirements and network complexity. That way, you can successfully operate our products and solutions to ensure that you achieve optimal performance throughout your network's life cycle.

## Warranty & Contact Information

[Read our detailed warranty information.](#)

## About Synamedia Video Network Solutions

Synamedia is a leading global provider of video distribution, streaming, processing, and network delivery solutions for content owners and service providers. Our comprehensive, cloud-based SaaS and managed service solutions and software products enable customers to manage OTT media streaming and broadcast workflows, secure video content and services, and deliver premium user experiences across all screens. Leveraging expert know-how and 30-plus years of experience for over 1,000 customers worldwide, Synamedia helps video businesses launch, monetize and scale services across all devices to capture a greater share of the consumer video wallet.

## Next Steps

Learn more about **Synamedia Video Network solutions.**

For more information, **contact us.**