



# OMP Series Any-service Encoding/ Transcoding Platform

## Introduction

The OMP Series are server-based transcoding and encoding platform, offering you the following benefits in both broadcasting and OTT applications:

- **High-efficiency** encoding for more contents transmission.
- **Multi-screen** supported with multiple formats and transmission protocols.
- **Highly-integrated** functions to save the extra equipment cost.
- **Flexible** investment strategy with modularized licensing and future-proof upgrading.
- **Long-term operation** guaranteed with complete redundancy solution and centralized management platform.

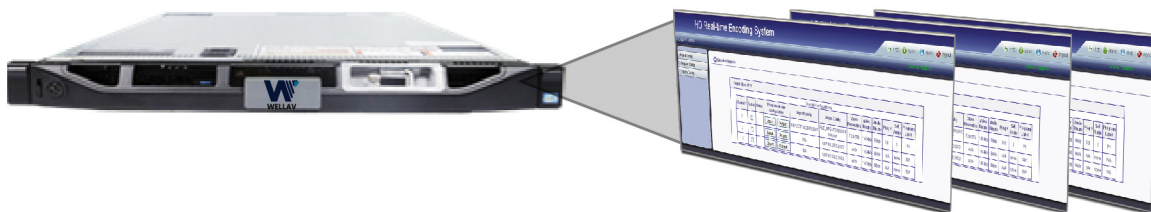
## Feature

### OMP500 - Any-service Real-time Encoding/Transcoding System

- Full IP streaming(UDP,RTP,RTSP,HLS,HDS..).
- OTT ready with multi-screen transcoding, ABR, AES encryption, DRM, etc.
- Low latency, low bitrate and high video quality.
- MPEG-2、MPEG-4、H.263、H.264、WMV8/9 SD/HD encoding.
- Resolution, frame rate, bitrate, VBR / CBR, aspect ratio, GOP setting.
- Upscaling and downscaling with cropping/ letterboxing.
- Support de-interlacing, video parameters adjustment, video pre-Preprocessing.
- Holistic audio transcoding: MP2/3, AAC,AC3,AMR,WMA, etc.
- Multi-audio tracks and multi-subtitle.
- Support logo/text insertion, Closed Caption , Teletext and DVB-subtitle.
- TS level backup and device level N+M redundancy(with WMS100R).
- Web-based NMS、SNMP protocol

### OMP600 - Any-service File-based Transcoding System

- Support all major video file formats and file transfer protocol.
- OTT ready with multi-screen transcoding, ABR, AES encryption, DRM, etc.
- Low latency, low bitrate and high video quality.
- MPEG-2、MPEG-4、H.263、H.264、WMV8/9 SD/HD encoding.
- Resolution, frame rate, bitrate, VBR / CBR, aspect ratio, GOP setting.
- Resolution, frame rate, bitrate, VBR / CBR, aspect ratio, GOP setting.
- Upscaling and downscaling with cropping/ letterboxing.
- Support de-interlacing, video parameters adjustment, video pre-Preprocessing.
- Holistic audio transcoding: MP2/3, AAC,AC3,AMR,WMA, etc.
- Multi-audio tracks and multi-subtitle.
- Support logo/text insertion, Closed Caption , Teletext and DVB-subtitle.
- Task and port level redundancy.
- Cloud transcoding with cluster architecture(load-balancing and task scheduling with WMS100F).
- Web-based NMS, SNMP Protocol and API interface for 3rd party management system integration.



**High-efficiency**

**Any-service**

**HLS/ABR  
RTSP**

**Logo/text  
Insertion**

**DRM**

**N+M  
7x24**