Revolutionizing Cloud Control

The ClearCaster™ Micro is a portable live encoding solution packed with professional features. Ideal for live event producers in the field, the all-in-one Micro provides a reliable, cost-efficient way to stream broadcast-quality video to any destination.

What is Wowza Cloud Orchestration?

Cloud-based control of your entire encoding fleet — from anywhere in the world.

Designed with a cloud-first approach and back-end management, Wowza Cloud Orchestration allows you to take complete control of your entire encoder fleet from anywhere in the world. Prebuilt using proven Wowza technology, Wowza Cloud Orchestration simplifies the most difficult parts of the encoding workflow — saving you time and lowering overhead costs. With Wowza Cloud Orchestration, you can easily manage thousands of streams with a scalable API, or build your own architecture on top of our cloud-optimized back-end infrastructure.

Key Features:

- User Management
- Closed Captions
- Titling and Graphics
- Multi-Target/Output
- HEVC
- SRT
- Cloud Storage
- Made for Grab and Go

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## Cloud-Based ClearCaster™ Manager:

### Remote Management
Browser-based control allows for remote management from anywhere.

### Streamlined Workflows
Reliably take broadcasts live with just one click.

### Multi-User Access
Provide your entire team with access to your encoders.

### Health Monitoring
Identify issues quickly and ensure your broadcasts are ready to go live.

### Custom Workflows
Build your own encoding workflows and use interface controls.

### A/V Inputs
- **Physical**: 1 x 3G-SDI/HDSDI BNC input, 1 x 3G-SDI/HDSDI BNC loop through, IP 1 x MPEG-TS(UDP, SRT); RTSP; RTMP, HLS via pull only

### Input Resolutions & Frame Rates
- Maximum Raster: HD1080p60; de-interlacing support up to 1080Ps9.94; up to 1080i/P60 (lower frame rates, resolutions support); scaling support

### Codec Support
- **Video Inputs**: H.264; via IP input H.265, MPEG-2 support
- **Video Outputs**: H.264, H.265
- **Audio Inputs**: Embedded audio, Via IP input AAC, AC-3 (Dolby Digital), MPEG-1 layer 2, MP3 support
- **Audio Output**: ACC

### Captions
- Embedded CEA-608/708 closed captions

### Output Resolutions
- Up to 1080p60; Encode up to 1 x 1080p + 1 x 720p rendition
- Support for high frame rates at lower resolutions;
- Controllable aspect rations and frame rate; all outputs support multiple targets

### Output Formats
- RTMP / RTMPS
- MPEG-TS (unicast, multicast)
- RTSP/RTMP/SRT

### Recording
- Fragmented MP4; record multiple outputs; store on appliance and in cloud

### Network
- 1 GB Ethernet; DHCP Support; Manual Network Configurable

### System Control
- Cloud-based browser control and template management
- Centralized API (GraphQL); user management

### Hardware
- **Micro PC**, dimensions 6.9 x 6.9 x 1.34 inch (175 x 175 x 34 mm) 1.040 L
- **External 12V PSU Dimensions**: 2.68 x 2.68 x 1.18 inches 6.8 x 6.8 x 3 cm
- **Weight**: 2.62 lbs / 1.19 kg

For more information, visit wowza.com/products/clearcaster