

## OC-MS-XL(1U)-V2

### Ossia VMS embedded Management server + Client Support up to 10,000 channels

Designed to deal with the most demanding tasks, Provision-ISR's new management server makes a firm base for more extensive security systems. Combining high performance and embedded Ossia VMS on the one hand and the ability to manage up to 10K channels on the other, the OC-MS-XL(1U)-V2 makes a stable and robust solution for most security needs.



## MAIN FEATURES

- OC-MS-XL(1U)-V2
- Max Channels: 10000
- Included License: 512
- 3rd Party Channels: 64 (can be extended with license)
- Max Devices: 1024
- Max 3rd Party Devices: 64 (can be extended with license)
- Video Output: 1 x HDMI (4K), 1 x VGA (1080P), 1 x DVI (1080P)
- Storage Server Support: Yes (up to 32)
- Transfer Server Support: Yes (up to 32)
- Video Decoder (TV Wall) Support: Yes (up to 256 HDMI outputs)
- Playback: Up to 100Ch (Restrictions Applies)
- Bandwidth: 880Mbps
- Online Users: 64
- Network: 4 x 1Gbps (2 Embedded + 2 Over PCI Card)
- Local Recording: 2 x SATA
- Installation: Standard 19" Rack Mount
- Size: 430\*487\*44mm
- Weight: ~12Kg
- Power: 100/6A~240V/3A / 50~60Hz



<https://provision-isr.com>

## SPECIFICATIONS

MODULES	
<b>Live View</b>	Live view of cameras including groups, alarm views and E-Map monitoring, Two-Way Audio and Audio Broadcasting
<b>Playback &amp; Backup</b>	Multi-Channel playback based on Time Search, Events, Time Slice, and Tags
<b>E-Map</b>	Based on Static JPEG image / Live Google Maps® Location
<b>TV Wall Management</b>	Set TV-Wall and Encoders view (Including Live View, Playback, and Alarm Popup Windows)
<b>Resource Management</b>	Manage your Cameras, recording devices, and optional Ossia VMS hardware
<b>People Management</b>	Create and manage different groups of people and synchronize them with Face Recognition devices
<b>Account and Permission</b>	Up to 1024 Accounts and Permission groups defined by the user
<b>Alarm Center</b>	View and configure alarm events and system responses + SOP configuration
<b>LPR Monitoring</b>	Configure your LPR monitoring points, vehicles, and access barriers
<b>Face Recognition</b>	Supports All Provision-ISR's Face Recognition Devices + Multiple Device Database Sync.
<b>Face Greeting</b>	Utilize an external screen to display a greeting message welcoming recognized faces
<b>Face Attendance</b>	Use the Ossia VMS as an attendance system based on face recognition
<b>People Counting</b>	Configure counting tasks for multiple supporting DDA cameras
<b>Operation and Maintenance</b>	See logs and overall system status
<b>Temperature Units</b>	Set and monitor EC-001 devices, including alarm events
<b>Local Configuration</b>	Configure all local settings regarding the Ossia VMS server/client configuration
HARDWARE	
<b>CPU</b>	Intel Xeon Processor 3.3GHz 8M
<b>NDAA Compliant</b>	Yes
<b>GPU</b>	Embedded HD Graphics P530/ 72W
<b>RAM</b>	8GB DDR RAM (Expandable to 64GB)
<b>Network Card</b>	Intel I350-T2 + Intel 210 + Intel I219
<b>HDD</b>	Built-in 120GB SSD

<b>PCI Expansion</b>	1* PCI- E3 (x1)**, 1* PCI- E3 (x4), 1* PCI- E3 (x8)**, 1* PCI- E3 (x16)* *Used by the Network Card ** Blocked by the Network Card
<b>SATA</b>	2 x SATA

<b>INTERFACE</b>	
<b>Display</b>	HDMI + VGA/DVI independent display
<b>LAN</b>	4 x 1Gbps (2 Embedded + 2 Over PCI Card)
<b>Keyboard / Mouse</b>	PS/2 Keyboard + Mouse
<b>USB</b>	4 x USB3.0 (Rear Panel) + 2 x USB2.0 (Front Panel)

<b>PERFORMANCE</b>	
<b>Display</b>	HDMI + VGA/DVI independent display
<b>Max Channels</b>	10000
<b>Included License</b>	512
<b>3rd Party Channels</b>	64 (can be extended with license)
<b>Max Devices</b>	1024
<b>3rd Party Devices</b>	64 (can be extended with license)
<b>Device Group Support</b>	Yes
<b>Local Decoding Capability</b>	Single monitor 1080P: Up to 36 CH @ D1 – Dual monitor 1080P: Up to 25 CH @ CIF per monitor – Single monitor 4K: Up to 25 CH @ 720P – Dual monitor 4K+1080P: Up to 18 CH @ 720P per monitor
<b>Incoming Bandwidth</b>	880Mbps
<b>Outgoing Bandwidth</b>	880Mbps (Live + Transfer)
<b>Max Streaming Capability</b>	Depends on Bandwidth
<b>Registered Users</b>	Up to 1024
<b>Max Online Users</b>	64
<b>Fish-Eye Support</b>	Full
<b>PTZ Support</b>	Movement / Presets Management

<b>Recording</b>	Local (Schedule / Event / Manual) / on Storage Server
<b>Local Playback</b>	Up to 100Ch
<b>Remote Playback</b>	Up to 100Ch (Recording device restrictions apply)

## PLATFORM CONNECTIVITY

<b>Video Decoder</b>	Yes (up to 256 HDMI outputs)
<b>Storage Server</b>	Yes (up to 32)
<b>Video Transfer Server</b>	Yes (up to 32)
<b>Joystick</b>	Yes
<b>Client Support</b>	Yes (up to 256, outgoing Bandwidth restrictions apply)
<b>Web-Client Support</b>	Yes (up to 256, outgoing Bandwidth restrictions apply)

## GENERAL

<b>Management</b>	Local Configuration, Remote management by PC Client / Web-Client
<b>Installation</b>	Standard 19" Rack Mount
<b>Operation Temperature</b>	Working: 10°C ~ 35°C, Standby: -40°C ~ 70°C
<b>Noise</b>	Working: <50dBA; 6.2BA (<28°C)
<b>Protection Rate</b>	None (indoor installation)
<b>Net Weight</b>	~12Kg
<b>Dimensions</b>	430*487*44mm
<b>Power</b>	100/6A~240V/3A / 50~60Hz

## 3rd Party Cyber Protection

<b>General</b>	Quantum IoT Nano agent by Check Point™
<b>Protection Methods</b>	Shell injection protection, File Monitor, Import-Table Protection, Dynamic-Memory Protection