

## Ossia VMS Hardware

PROVISION-ISR dedicated VMS hardware is planned, designed, and built by Provision-ISR with the sole purpose of running OSSIAVMS: a top-quality Central Management System allowing the user to view and manage multiple devices from remote.



# OC-MS-M(1U)

## Ossia VMS embedded Management Server supports up to 512 channels

Provision-ISR's new management server makes a firm base for more extensive security systems to deal with the most demanding tasks. Combining high performances and embedded Ossia VMS on the one hand and the ability to manage up to 512 channels on the other, the OC-MS-M(1U) makes a stable and robust solution for most security needs.



## MAIN FEATURES

- OC-MS-M(1U)
- Max Channels: 512
- Included License: 512
- 3rd Party Channels: 128 (Max)
- Max Devices: 300
- Max 3rd Party Devices: 128 (Max)
- Video Output: 1 x HDMI (4K), 1 x VGA (1080P)
- Storage Server Support: Integral Only
- Transfer Server Support: Integral Only
- Video Decoder (TV Wall) Support: Yes (up to 256 HDMI outputs)
- Playback: Up to 16ch (Restrictions Applies)
- Bandwidth: 256Mbps
- Online Users: 64
- Network: 4 x 1Gbps (2 Embedded + 2 over PCI Card)
- Local Recording: 2 x SATA
- Installation: Standard 19" Rack Mount
- Size: 432\*488\*45mm
- Weight: ~6Kg
- Power: 100/6A~240V/3A / 50~60Hz



## 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 Pop-up 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 64 Accounts and Permission groups defined by the user
<b>Alarm Center</b>	View and configure alarm events and system responses
<b>LPR Monitoring</b>	Configure your LPR monitoring points, vehicles and access barriers
<b>Face Recognition</b>	Supports All Provsion-ISR Face Recognition Devices + Multiple Device Database Sync.
<b>Face Greeting</b>	Reflect configured faces to an external screen with preconfigured data
<b>Face Attendance</b>	Use the Ossia VMS as a simple 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(R) Core(TM) i5-6400 CPU @ 2.70GHz
<b>NDAA Compliant</b>	Yes
<b>GPU</b>	Integrated Graphics, Intel® HD Graphics 530
<b>RAM</b>	8GB DDR RAM (Expandable to 32GB)
<b>Network Card</b>	2 RJ45 10M/100M/1000M self-adaptive Ethernet ports
<b>HDD</b>	Built-in 128GB SSD

<b>PCI Expansion</b>	None
<b>SATA</b>	2 x SATA

## INTERFACE

<b>Display</b>	HDMI + VGA 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>	8 x USB2.0 (Rear Panel) + 2 x USB3.0 (Rear Panel)

## PERFORMANCE

<b>Display</b>	HDMI + VGA Independent Display
<b>Max Channels</b>	512
<b>Included License</b>	512
<b>3rd Party Channels</b>	128 (Max)
<b>Max Devices</b>	300
<b>3rd Party Devices</b>	128 (Max)
<b>Device Group Support</b>	Yes
<b>Local Decoding Capability</b>	Single monitor 1080P: Up to 36 CH @ D1 – Dual monitor 1080P: Up to 22 CH @ CIF per monitor – Single monitor 4K: Up to 36 CH @ CIF – Dual monitor 4K+1080P: Up to 9 CH @ 1080P per monitor
<b>Incoming Bandwidth</b>	256Mbps
<b>Outgoing Bandwidth</b>	256Mbps (Live + Transfer)
<b>Max Streaming Capability</b>	Depends on Bandwidth
<b>Registered Users</b>	Up to 64
<b>Max Online Users</b>	64
<b>Fish-Eye Support</b>	Full
<b>PTZ Support</b>	Movement / Presets Management

<b>Recording</b>	Schedule / Event / Manual
<b>Local Playback</b>	Up to 16ch
<b>Remote Playback</b>	Up to 16ch (Recording device restrictions apply)

## PLATFORM CONNECTIVITY

<b>Video Decoder</b>	Yes (up to 256 HDMI outputs)
<b>Storage Server</b>	Integral Only
<b>Video Transfer Server</b>	Integral Only
<b>Joystick</b>	Yes
<b>Client Support</b>	Yes (Up to 64, Outgoing Bandwidth restriction apply)
<b>Web-Client Support</b>	Yes (Up to 64, Outgoing Bandwidth restriction 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>	~6Kg
<b>Dimensions</b>	432*488*45mm
<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