

Ossia VMS Hardware

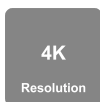
PROVISION-ISR dedicated VMS hardware is planned, designed, and built by Provision-ISR with the sole purpose of running OSSIAVMS: a top-quality Central Management System allowing the user to view and manage multiple devices from remote.



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	
Live View	Live view of cameras including groups, alarm views and E-Map monitoring, Two-Way Audio and Audio Broadcasting
Playback & Backup	Multi-Channel playback based on Time Search, Events, Time Slice, and Tags
E-Map	Based on Static JPEG image / Live Google Maps® Location
TV Wall Management	Set TV Wall, and Encoders view (including Live View, Playback and Alarm Pop-up Windows)
Resource Management	Manage your Cameras, recording devices and optional Ossia VMS hardware
People Management	Create and manage different groups of people and synchronize them with Face Recognition devices
Account and Permission	Up to 64 Accounts and Permission groups defined by the user
Alarm Center	View and configure alarm events and system responses
LPR Monitoring	Configure your LPR monitoring points, vehicles and access barriers
Face Recognition	Supports All Provision-ISR Face Recognition Devices + Multiple Device Database Sync.
Face Greeting	Reflect configured faces to an external screen with preconfigured data
Face Attendance	Use the Ossia VMS as a simple attendance system based on face recognition
People Counting	Configure counting tasks for multiple supporting DDA cameras
Operation and Maintenance	See logs and overall system status
Temperature Units	Set and monitor EC-001 devices including alarm events
Local Configuration	Configure all local settings regarding the Ossia VMS server / client configuration
HARDWARE	
CPU	Intel(R) Core(TM) i5-6400 CPU @ 2.70GHz
NDAA Compliant	Yes
GPU	Integrated Graphics, Intel® HD Graphics 530
RAM	8GB DDR RAM (Expandable to 32GB)
Network Card	2 RJ45 10M/100M/1000M self-adaptive Ethernet ports
HDD	Built-in 128GB SSD

PCI Expansion	None
SATA	2 x SATA

INTERFACE	
Display	HDMI + VGA Independent Display
LAN	4 x 1Gbps (2 Embedded + 2 over PCI Card)
Keyboard / Mouse	PS/2 Keyboard + Mouse
USB	8 x USB2.0 (Rear Panel) + 2 x USB3.0 (Rear Panel)

PERFORMANCE	
Display	HDMI + VGA Independent Display
Max Channels	512
Included License	512
3rd Party Channels	128 (Max)
Max Devices	300
3rd Party Devices	128 (Max)
Device Group Support	Yes
Local Decoding Capability	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
Incoming Bandwidth	256Mbps
Outgoing Bandwidth	256Mbps (Live + Transfer)
Max Streaming Capability	Depends on Bandwidth
Registered Users	Up to 64
Max Online Users	64
Fish-Eye Support	Full
PTZ Support	Movement / Presets Management

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

PLATFORM CONNECTIVITY	
Video Decoder	Yes (up to 256 HDMI outputs)
Storage Server	Integral Only
Video Transfer Server	Integral Only
Joystick	Yes
Client Support	Yes (Up to 64, Outgoing Bandwidth restriction apply)
Web-Client Support	Yes (Up to 64, Outgoing Bandwidth restriction apply)

GENERAL	
Management	Local Configuration, Remote management by PC Client / Web-Client
Installation	Standard 19" Rack Mount
Operation Temperature	Working: 10°C ~ 35°C, Standby: -40°C ~ 70°C
Noise	Working: <50dBA; 6.2BA (<28°C)
Protection Rate	None (indoor installation)
Net Weight	~6Kg
Dimensions	432*488*45mm
Power	100/6A~240V/3A / 50~60Hz

3rd Party Cyber Protection	
General	Quantum IoT Nano agent by Check Point™
Protection Methods	Shell injection protection, File Monitor, Import-Table Protection, Dynamic-Memory Protection