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 userto view and manage multiple devices from remote.

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OV-MSCL-S(DT)

Ossia VMS embedded Management Server / Client supports up to 256 Channels

OV-MSCL-S(DT) server/workstation is mainly developed for small to medium-sized security systems. Provision-ISR delivers a winning solution to the security field with this designated hardware running embedded Ossia VMS and a design that makes the system far more stable, cost-worthy, and easy to use. As a result, the device is fully dedicated to its CCTV management and operational tasks.





MAIN FEATURES

- OV-MSCL-S(DT)
- Max Channels: 256
- Included License: 256
- 3rd Party Channels: 32 (Max)
- Max Devices: 64
- Max 3rd Party Devices: 64
- Video Output: 2 x HDMI (4K)
- Storage Server Support: Integral Only
- Transfer Server Support: Integral Only
- Video Decoder (TV Wall) Support: Yes (Up to 64 HDMI Outputs)
- Playback: Up to 16Ch (Restrictions Applies)
- Bandwidth: 512Mbps
- Online Users: 6 users
- Network: 2 x 1Gbps
- Local Recording: None
- Installation: Desktop
- Size: 300mm × 248.4mm× 45mm
- Weight: ~1.2Kg
- Power: DC 12V/3A

OV-MSCL-S(DT)

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
TV Wall Management	Set TV Wall and Encoders view (Including Live View, Playback and Alarm Popup Windows)
Resource Management	Manage your Cameras, recording devices and optional Ossia VMS hardware
Poeple Management	Create and manage different groups of people and synchronize with Face Recognition devices
Accout and Permission	Up to 64 Accounts and Permission groups defined by the user
Alarm Center	View and configure alarm events and system responses + SOP configuration
LPR Monitoring	Configure your LPR monitoring points, vehicles and access barriers
Face Recognition	Supports All Provsion-ISR's Face Recognition Devices + Multiple Device Database Sync.
Face Greeting	Utilize an external screen to display a greeting message welcoming recognized faces
Face Attendance	Use the Ossia VMS as an 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	Octa-core ARM (4× Cortex-A76 + 4× Cortex-A55)
NDAA Compliant	Yes
GPU	ARM Mali-G610 MC4
RAM	8GB DDR RAM (Non-Expandable)
Network Card	RJ45 10M/100M/1000M self-adaptive Ethernet port
PCI Expansion	None

OV-MSCL-S(DT)

SATA	None

INTERFACE	
Display	HDMI + HDMI AUX Display
LAN	2 x 1Gbps
Keyboard / Mouse	By USB only
USB	3 total (1 x USB3.0 Rear Panel + 2 x USB2.0 (1 Front Panel 1 Rear Panel)

PERFORMANCE	
Display	HDMI + HDMI AUX Display
Max Channels	256
Included License	256
3rd Party Channels	32 (Max)
Max Devices	64
3rd Party Devices	64
Device Group Support	Yes
Local Decoding Capability	Single monitor 1080P: Up to 36 CH @ D1 – Dual monitor 1080P: Up to 36 CH @ D1 per monitor – Single monitor 4K: Up to 33 CH @ CIF – Dual monitor 4K+1080P Up to 17 CH @ CIF per monitor
Incoming Bandwidth	512Mbps
Outgoing Bandwidth	128Mbps (Live + Transfer)
Max Streaming Capability	Depends on Bandwidth
Registered Users	Up to 64
Max Online Users	6 users
Fish-Eye Support	1Ch Full Dewarping
PTZ Support	Movement / Presets Management
Recording	Local (Schedule / Event / Manual) / on Storage Server

OV-MSCL-S(DT)

Local Playback	Up to 16Ch
Remote Playback	Bandwidth / Client / Recording device restrictions apply
Max Devices Added by A Single Transfer Server	64
Max Channels Added by A Single Transfer Server	256

PLATFORM CONNECTIVITY	
Video Decoder	Yes (Up to 64 HDMI Outputs)
Storage Server	Integral Only
Video Transfer Server	Integral Only
Joystick	Yes
Client Support	Yes (4 By PC Client, 32 by Mobile App. Outgoing Bandwidth restriction apply)
Web-Client Support	Yes (Up to 124, Outgoing Bandwidth restriction apply)

GENERAL	
Management	Local Configuration, Remote management by PC Client
Installation	Desktop
Operation Temperature	Working: -5°C ~ 45°C, Standby: -20°C ~ 70°C
Noise	N/A
Protection Rate	None (Indoor Installation)
Net Weight	~1.2Kg
Dimensions	300mm × 248.4mm× 45mm
Power	DC 12V/3A