PROVISION ISR®
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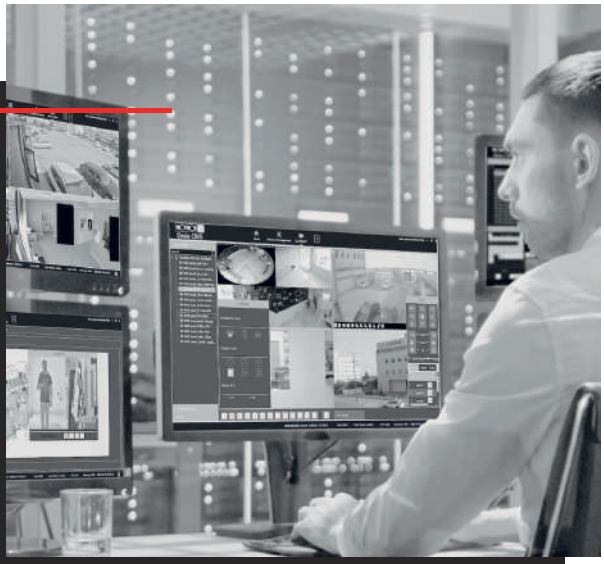
Catalog 2020



OSSIA VMS SOFTWARE & DEDICATED HARDWARE

OSSIA VMS

Video Management System

ossia VMS

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Ossia VMS

Provision-ISR's VMS is an advanced and reliable software designed for CCTV systems featuring controlled multiple devices from a single reliable platform.

When it comes to managing large-scale video surveillance networks, many organizations lack the required knowledge. Maintaining reliable actions can become complex, resulting in compromised or inefficient operations.

We combined our expertise in the CCTV market with our in-house software developers' skills to bring you a cutting-edge security solution that will help you overcome any problems.

Standard version

Ossia VMS Standard is a standalone system. In a standalone system, computer hardware or software can operate independently of other hardware or software. It provides itself with all the required data and information.

Ossia VMS Standard supports all Provision-ISR's products and devices from the global security market's leading "players." It is equipped with powerful video monitoring capabilities that support real-time preview, centralized recording, local and remote playback, backup, alarm linkage, TV wall, keyboard control, and more.

Ossia VMS STANDARD VERSION supports up to 256 cameras, and it is **100% License Free.**

Enterprise version

Ossia VMS Enterprise is a Server-Client System. In a server-client system, the computer hardware or software serves as a client and is connected to a server to work correctly and cannot operate without it.

Ossia VMS Enterprise holds all the Provision VMS Standard capabilities. Its server/client working method can be widely used for medium-sized video surveillance systems such as parks, schools, banks, chain stores, commercial buildings, and more.

Ossia VMS ENTERPRISE VERSION supports up to 3.000 cameras, and it is a **license-based platform.**

Ossia VMS: STANDARD and ENTERPRISE version comparison

	STANDARD VERSION	ENTERPRISE VERSION
Product Features		
Deployment	Standalone	Client/Server
OS support	Windows, Mac**	Windows, Mac(1*)**
Desktop client	Yes	Yes
Web browser client	No	Yes
Mobile client	No	Yes(2*)
Database support	SQLite (Integral)	MySQL
Hardware product	No	Yes (Server-class products with Ossia VMS enterprise software embedded)
Virtual machine support	Yes	Yes
Encoder device		
ONVIF supported	Yes	Yes
RTSP supported	Yes	Yes
Auto-report	Yes	Yes
Auto discovery	Yes	Yes
Add by domain	Yes	Yes
Add by serial/P2P	Yes	Yes
Peripheral device		
Network keyboard	Yes	Yes
Decoder/TV Wall	Yes	Yes
Intelligent analysis		
Behavior analysis device	Yes	Yes
License plate recognition device	No	Yes
LPR monitoring	No	Yes
Face surveillance	Yes	Yes
Face greeting	No	Yes
Face attendance	No	Yes
People counting	Yes	Yes
Easy check support	No	Yes
System capacity		
Cameras per system	256	3000
Max clients	N/A	Unlimited(3*)
E-map		
Google map	No	No
Picture map	Yes	Yes
Hierarchical map	Yes	Yes
Recording & Storage		
Scheduled recording	Yes	Yes
Alarm recording	Yes	Yes
External storage	Yes(4*)	Yes(5*)
RAID support	No	Yes(6*)
Users and groups		
Users and Groups	Yes	Yes
Audit Log	Yes	Yes
Integration Tools		
RTSP streaming	No	Yes
RTMP streaming	No	Yes
HLS streaming	No	Yes

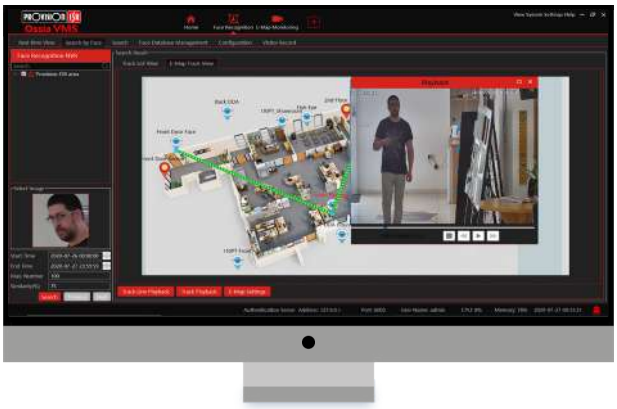
1* Client Only,
2* iOS and Android,
3* Unlimited in theory – Such numbers cannot be tested practically
4* Network Storage Mapping
5* Storage Servers
6* Dedicated Storage Server HW only
**Future Development

Main features

MAIN INTERFACE - LIVE VIEW
Complete live view control including Fish-Eye Support, PTZ Control, Instant Playback, Audio, Stream Control.

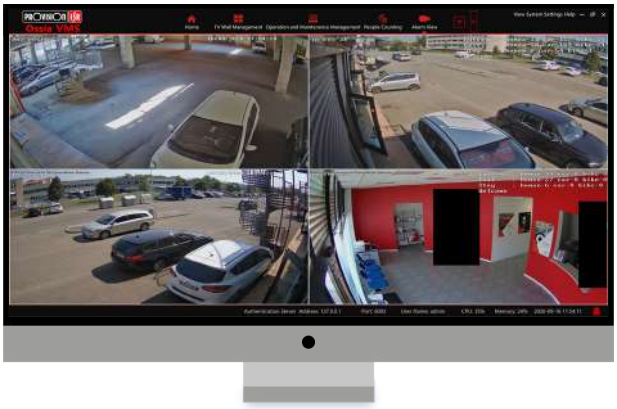
MAIN INTERFACE - E-MAP MONITORING
The user can set the needed monitoring points within an E-Map and see them with a click. E-Map allows monitoring with managed hierarchy.

MAIN INTERFACE - FACE DETECTION
The VMS is fully compatible with Provision-ISR face detection devices. The connected devices perform face detection, search, and playback.



MAIN INTERFACE - PLAYBACK VIEW
The Playback (from device or server) is based on time-slice image, event, or tag (synchronized and unsynchronized).

ALARM VIEW
It's possible to use a dedicated screen for alarm pop-ups. Each alarm event can trigger a pop-up according to the user's preferences.

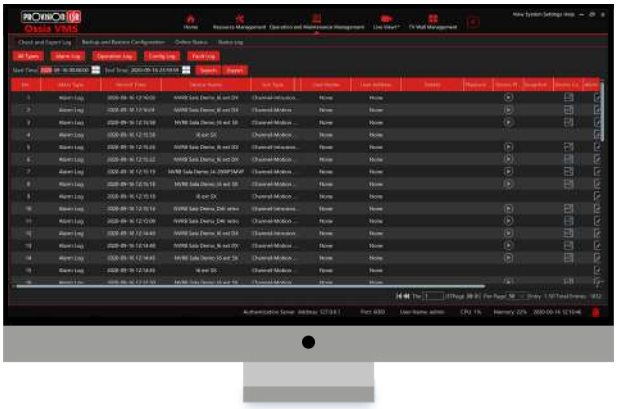


DECODING BY DEDICATED HW
Using many screens and viewing a lot of cameras requires expensive resources. Provision-ISR decoders perform decoding tasks with multiple monitors and save the user from purchasing expensive computer hardware.

Main features

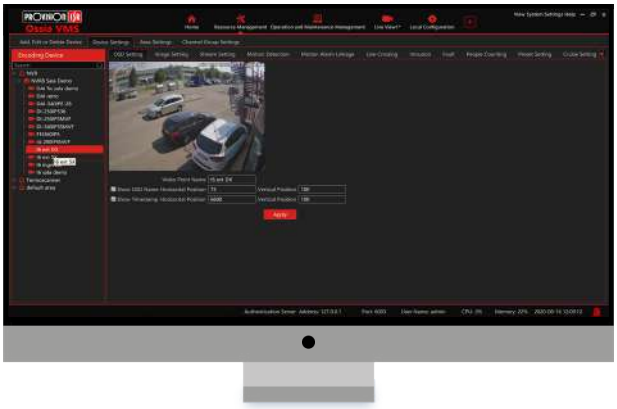
SYSTEM LOGS

The user can remotely check his device logs using the Ossia VMS. The logs can be categorized and easily exported to the user's computer.



REMOTE SETTINGS

The user can set up his devices remotely using the interactive interface. The settings options will change according to the type of chosen device.



SYSTEM HEALTH MONITOR

The system health monitor allows the user to see both the system and connected devices' status visually. It shows connectivity, alarm status, number of channels, and more. The user can even connect directly to his device's web client.

REMOTE CLIENTS (ENTERPRISE VERSION)

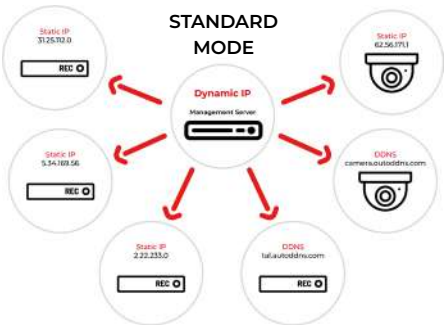
The user can connect remotely to the platform by Provision VMS mobile APP or web-client and monitor his sites or configure the server* (*Web-Client - in selected devices).

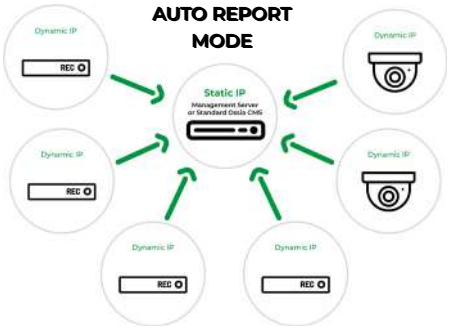
AUTO REPORT MODE

Auto-report allows the architecture to use a single static IP with port forwarding to the central management server instead of static IP for each site.

Each device is configured with IP/DDNS on the Management Server, and port forwarding must be set for each installation site in standard installations.

With **AUTO REPORT**, only the Management server is set with static IP / DDNS and port forwarding, while all the other sites can use dynamic IP.

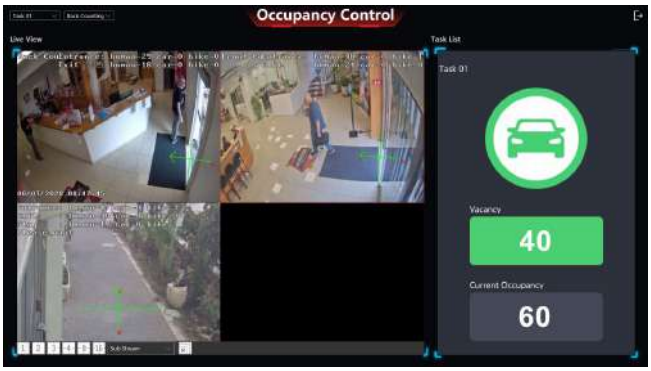


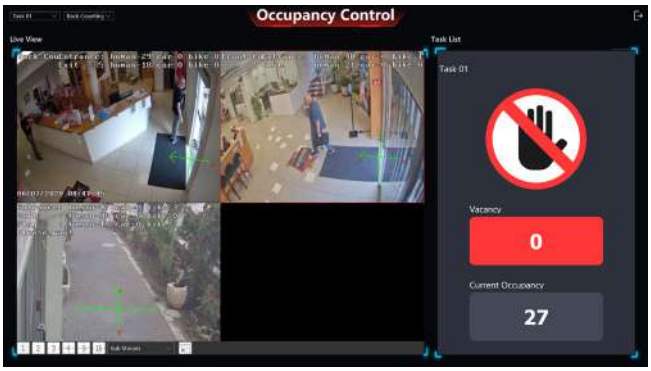


Supported Video Analytics

Object counting and occupancy control

Ossia VMS combines data from multiple counting cameras placed at the entrance/exit of a premise, providing real-time data on how many people are present in that particular premise at a specific time (people occupancy). This insight allows the user to monitor visitor flow and occupancy and take measures if occupancy exceeds the set threshold. The same feature can be used for vehicle counting and find its exemplary application in the parking management field.





CREATE MULTIPLE TASKS

Ossia VMS allows setting a limit for the number of humans or vehicles permitted to enter a particular area. The user can create multiple tasks. Each of them includes:

- Cameras
- Objects type (humans, 2-wheel vehicles, 4-wheel vehicle)
- Editable voice message
- Counting limit

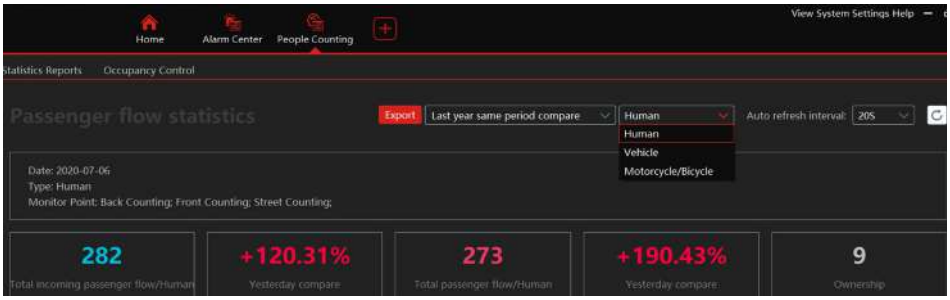
CHOOSE YOUR FAVORITE TRIGGER/ACTION IN CASE OF EXCEEDED OCCUPANCY

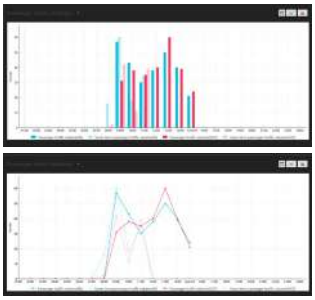
- Audio
- PTZ control
- Record
- Alarm view (video pop up)
- Alarm view (decoder)
- Alarm output
- Set your customized schedule

REAL TIME / HISTORICAL DATA

Object counting technology allows the user to access real-time people/vehicle counting data. The user can view statistics from several cameras and locations at the same time.

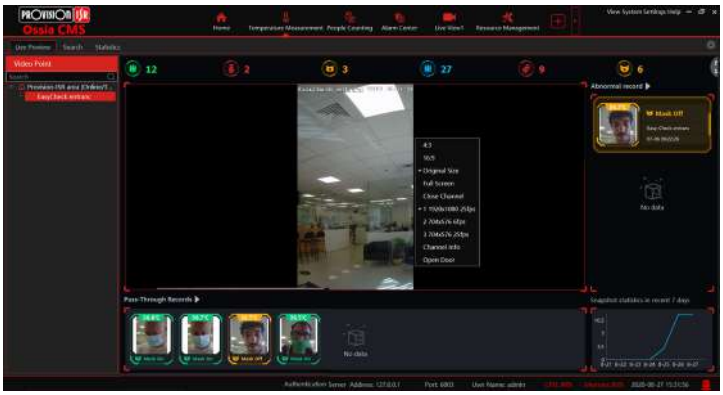
- Possibility to compare data from last day/month/year.
- Possibility to visualize linear/bar-shaped graph showing incoming/outgoing traffic (each graph can be downloaded as a PNG file).
- Possibility to visualize a Real-Time table showing incoming/outgoing traffic (the table can be downloaded as an XLS file).





Easy-check management

EASY-CHECK is a high-performance contactless testing unit developed by Provision-ISR to prevent the spread of cross infections and viruses such as COVID-19. This all-in-one device performs face recognition, mask detection, and thermometry following the recent safety and risk prevention guidelines.



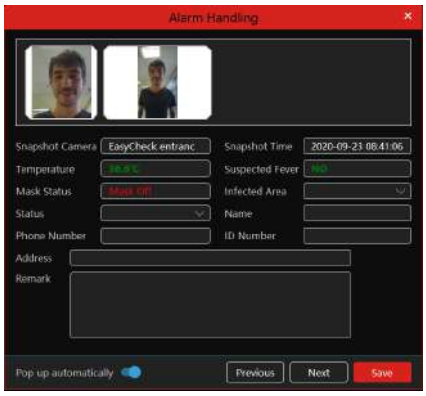
LIVE STATISTICS

Using Ossia VMS new temperature module allows you to get live updates on:

- Current day “pass-through” detections
- Current day “no mask” detections · Current day “high temperature” detections
- Total “pass-through” detections
- Total “no mask” detections
- Total “high temperature” detections

FULL CUSTOMIZATION

- Possibility to set and adjust the temperature threshold
- Possibility to choose whether to pop up alerts for high temperature and mask status
- Changeable voice message for no mask and high temperature separately
- Settings do not reflect on the EC-001, so each client can have different settings

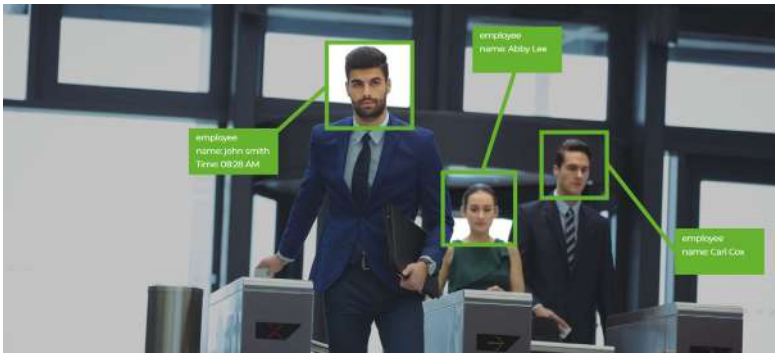


LIVE ALARM MONITORING

In case of an actual event triggered by the EC-001 (Fever / No Mask), the Ossia VMS will pop up an event window where the operator can handle the event, fill all the relevant information, and save it. Once saved, the event is logged, signed with a timestamp and the operator’s name who handled it.

Face recognition management

When Provision-ISR Face Recognition meets Ossia VMS, the integrated experience provides attentive 24/7 monitoring. The live video within the VMS can be used to identify strangers, threats, unrecognized persons, VIPs, employees, or other individuals.



OSSIA VMS dedicated hardware

OSSIA VMS dedicated hardware

OSSIA VMS comes with a series of dedicated hardware designed explicitly by Provision-ISR for remote monitoring purposes.

WHY CHOOSE OSSIA VMS DEDICATED HW.

RELIABILITY

OSSIA VMS dedicated hardware is planned, designed, and built by Provision-ISR. Its sole purpose is to run the OSSIA VMS software dedicating 100% of the system resources to this task.

COMPATIBILITY

The HW can be considered as pieces of the same puzzle that perfectly fit together.

QUICK SETUP

Time is money! When using OSSIA VMS hardware, the system is deployed pre-installed and ready to use.

IMPROVED OPERATOR EFFECTIVENESS

Provision-ISR hardware runs an embedded OSSIA VMS software. Therefore, an operator can only perform tasks related to the CCTV system.

PRICING AND LICENCES

Using OSSIA VMS dedicated hardware will help you to reduce the total cost of the project significantly.

ONE-STOP TECH SUPPORT

Whether you experience problems with hardware or software, you will be able to rely on a single trusted provider: Provision-ISR. We will stand behind you at every stage of your customer journey.

Ossia VMS: dedicated hardware

OC-MSCL-S (DT)

So Small. So powerful.
OC-MSCL-S (DT) server/workstation is mainly developed for small to medium-sized security systems. Provision-ISR delivers a winning solution to the field of security with a designated hardware that runs embedded Ossia CMS.
This design makes the system far more stable, cost-worthy, and simple to use. As a result, the device is fully dedicated to its task – CCTV management and operation..

Main Features

- 64 recorders support
- 256 Channel support
- 8GB DDR RAM
- Live View and Playback
- E-Map Monitoring
- Analytics Support
- ONVIF Camera Support
- Auto Report Service Support
- PTZ Support
- Audio Support
- Alarm Support
- Mobile App Support

SERVER/CLIENT DOUBLE FUNCTION

256 CHANNEL MANAGEMENT

SUITABLE FOR SMALL/MEDIUM SIZE SECURITY SYSTEMS

Specifications

MODULES	
Live View	Live view of cameras including groups, alarm views and E-Map monitoring, Two Way Audio and Audio Broadcasting
Playback	Multi Channel playback based on Time Search, Events, Time Slice and Tags
E-Map Support	Based on Static JPEG image / Live Google Maps® Location
Resource Management	Manage your Cameras, recording devices and optional Ossia CMS hardware
Account and Permissions	Up to 256 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 Provsion-ISR Face Recognition Devices + Multiple Device Database Sync.
Face Greeting	Have an external screen showing a greeting message for recognized faces
Face Attendance	Use the Ossia CMS 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 CMS server / client configuration
Web-Client	No

HARDWARE	
CPU	Intel Pentium 4405U
GPU	Integrated Graphics, Intel HD Graphics 510
RAM	8GB DDR RAM (Non-Expandable)
Network Card	RJ45 10M/100M/1000M self-adaptive Ethernet port
HDD	Built-in 128GB SSD
PCI Expansion	None
SATA	None
INTERFACE	
Display	1 x HDMI (4K), 1 x VGA (1080P)
LAN	1 x 1Gbps
Keyboard / Mouse	via USB only
USB	6 Total (2 x USB3.0 + 2 x USB2.0 (Rear Panel) + 2 x USB3.0 (Front Panel))
PERFORMANCE	
Display	HDMI + VGA Independent Display
Max Channels	128
Max Devices	32
Device Group Support	Yes
Local Decoding Capability	32ch
Incoming Bandwidth	200Mbps
Outgoing Bandwidth	200Mbps (Live + Transfer)
Max Streaming Capability	Depends on Bandwidth
Registered Users	Up to 256
Max Online Users	8 (1 By PC client, 7 by mobile App)
Fish-Eye Support	No Dewarping
PTZ Support	Movement / Presets Management
Recording	On storage server (when on server mode)
Local Playback	Up to 32ch
Remote Playback	Bandwidth / Client / Recording device restrictions apply
PLATFORM CONNECTIVITY	
Video Decoder	Yes (Up to 32 HDMI Outputs)
Storage Server	Yes (when on server mode)
Video Transfer Server	Yes (when on server mode)
Joystick	Yes
Client Support	Yes (4 By PC Client, 32 by Mobile App. Outgoing Bandwidth restriction apply)
Web-Client Support	No
GENERAL	
Management	Local Configuration, Remote management by PC Client
Installation	Desktop
Power	DC 12V/3A
Operation Temperature	Working: -5°C ~ 45°C, Standby: -20°C ~ 70°C
Noise	N/A
IP Rating	None (Indoor Installation)
Dimensions	154mm x 120mm x 30mm
Net Weight	~0.47

Ossia VMS: dedicated hardware

OC-MS-XL(1U)

Provision-ISR's new management server is designed to deal with the most demanding tasks and makes a firm base for more extensive security systems. Combining high performances and embedded Ossia VMS on the one hand and the ability to manage up to 3K channels on the other, the OCMS-XL(1U) makes a stable and commanding solution for most security needs.

Main Features

- Pre-installed Ossia VMS (Server + Client)
- 512 Channels license included
- Full WEB interface
- Total of 256 PC Clients / Mobile App Clients
- Up to 3,000 channels!
- Storage server compatibility
- Set & view AI analytics
- Face database management
- Fisheye special views support
- LPR Monitoring
- User Management
- Map support (including google maps)
- Decoder support
- Audio broadcast

512 CHANNELS LICENCE INCLUDED

UP TO 3000 CHANNELS

SUITABLE FOR MEDIUM/LARGE SIZE SECURITY SYSTEMS

Specifications

HARDWARE	
CPU	Intel Xeon Processor E3- 1225V6 4C/ 4T 3. 3GHz 8M
GPU	Embedded HD Graphics P530/ 72W
RAM	8GB DDR RAM (Expandable to 64GB)
Network Card	Intel I350-T2 + Intel 210 + Intel I219
HDD	Built-in 120GB SSD
PCI Expansion	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
SATA	2 x SATA
INTERFACE	
Display	1 x HDMI (4K), 1 x VGA (1080P), 1 x DVI (1080P)
LAN	4 x 1Gbps (2 Embedded + 2 Over PCI Card)
Keyboard / Mouse	PS/2 Keyboard + Mouse
USB	4 x USB3.0 (Rear Panel) + 2 x USB2.0 (Front Panel)

HARDWARE	
CPU	Intel Xeon Processor E3- 1225V6 4C/ 4T 3. 3GHz 8M
GPU	Embedded HD Graphics P530/ 72W
RAM	8GB DDR RAM (Expandable to 64GB)
Network Card	Intel I350-T2 + Intel 210 + Intel I219
HDD	Built-in 120GB SSD
PCI Expansion	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
SATA	2 x SATA
INTERFACE	
Display	1 x HDMI (4K), 1 x VGA (1080P), 1 x DVI (1080P)
LAN	4 x 1Gbps (2 Embedded + 2 Over PCI Card)
Keyboard / Mouse	PS/2 Keyboard + Mouse
USB	4 x USB3.0 (Rear Panel) + 2 x USB2.0 (Front Panel)
PERFORMANCE	
Display	HDMI + VGA/DVI Independent Display
Max Channels	3000
Max Devices	1024
Device Group Support	Yes
Local Decoding Capability	100 Ch
Incoming Bandwidth	880Mbps
Outgoing Bandwidth	880Mbps (Live + Transfer)
Max Streaming Capability	Depends on Bandwidth
Registered Users	Up to 256
Max Online Users	256
Fish-Eye Support	Full
PTZ Support	Movement / Presets Management
Recording	Schedule / Event / Manual
Local Playback	Up to 100ch
Remote Playback	Up to 100ch (Recording device restrictions apply)
PLATFORM CONNECTIVITY	
Video Decoder	Yes (Up to 256 HDMI Outputs)
Storage Server	Yes
Video Transfer Server	Yes (Up to 32)
Joystick	Yes
Client Support	Yes (Up to 256, Outgoing Bandwidth restriction apply)
Web-Client Support	Yes (Up to 256, Outgoing Bandwidth restriction apply)
GENERAL	
Management	Local Configuration, Remote management by PC Client / Web-Client
Installation	Standard 19" Rack Mount
Power	100/6A~240V/3A / 50~60Hz
Operation Temperature	Working: 10°C ~ 35°C, Standby: -40°C ~ 70°C
Noise	Working: <50dBA; 6.2BA (<28°C)
IP Rating	None (Indoor Installation)
Dimensions	430*487*44mm
Net Weight	~12Kg

Dedicated hardware: Management Server comparison

Model Name	OC-MSCL-S(DT)	OC-MS-XL(1U)
Item Description	Ossia VMS embedded Management server + Client Supporting up to 256 channels	Ossia VMS embedded Management server + Client Supporting up to 30,000 channels
Work Mode	Management Server + Local Client	Management Server + Local Client
RAM	8GB	8GB (Expandable)
HDD (OS)	128GB SSD	120GB SSD
Storage (Record)	No	2 HDDs (Up to 8TB Each)
USB	6 Total (2 x USB3.0 + 2 x USB2.0 (Rear Panel) + 2 x USB3.0 (Front Panel))	4 x USB3.0 (Rear Panel) + 2 x USB2.0 (Front Panel)
Mouse / Keyboard	USB Only	PS/2 Keyboard + Mouse / USB
PSU	12VDC/2A	Internal 100-240VAC
Modules		
Modules	Full	Full
Interfaces		
Display	1 x HDMI (4K), 1 x VGA (1080P)	1 x HDMI (4K), 1 x VGA (1080P), 1 x DVI (1080P)
LAN	1 x 1Gbps	4 x 1Gbps
Performance		
Max Channels	256	3000
Free Licenses	256	512
Max Devices	64	1024
Local Decoding Capability	32ch	100 Ch
Bandwidth	400Mbps (Live + Transfer)	880Mbps (Live + Transfer)
Max Online Users	36 (4 By PC Client, 32 by Mobile App)	256
Fish-Eye Support	No Dewarping	Full
Recording	None	Schedule / Event / Manual
Local Playback	Up to 32ch	Up to 100ch
Platform Connectivity		
Video Decoder	Yes (Up to 64 HDMI Outputs)	Yes (Up to 256 HDMI Outputs)
Storage Server	Yes	Yes
Video Transfer Server	Yes (Up to 4 transfer servers)	Yes (Up to 32 transfer servers)
Keyboard	Yes	Yes
Remote Client Support	Yes (4 By PC Client, 32 by Mobile App. Outgoing Bandwidth restrictions apply)	Yes (Up to 256, Outgoing Bandwidth restrictions apply)
Web-Client Support	No	Yes (Up to 256, Outgoing Bandwidth restrictions apply)

Ossia VMS: dedicated hardware

OC-RS-16(3U)

Maximum stability, reliability, and capacity

OC-RS-16(3U) has 16 Hot-Swap HDD trays, RAID capabilities, dual Ethernet, and power supply. Provision-ISR's Storage Server was planned, designed, and built for the sole purpose of storing massive amounts of data and keeping it as safe and redundant as it can be.

Main Features

- Data capacity increase - allowing to remarkably increase playback history.
- Redundancy - thanks to RAID5, the data on the disks is secured against disk faults and errors.
- Flexibility - hot-swap disk trays for fast disk insertion and removal.
- Dual PSU (power supply unit) - one is for backup in case of an electrical failure.

HOT SWAP CAPABILITY

128TB CAPACITY, SUPPORTS RAID 0, 1, 5

DESIGNED FOR HEAVY DUTY TASKS

Specifications

CPU	Intel Xeon Processor E3-1220V5 4C/4T 3.0GHz8M/80W
OS	Cent OS7.3
Memory	8GB DDR4 ECC, up to 64GB DDR4- 1866/ 2133MHzECC memory
HDD	3.5 inch SATA x 16 (Hot Swap); built-in 2.5 inch SATA x 1
HDD Installation	Independent HDD slots
Capacity	Up to 128TB
RAID	Hardware RAID; supports RAID0,1,5
Network Card	Integrated I210-AT dual gigabit network cards, for load-balancing and fault tolerance
Monitor Control	Integrated display controller
Protocol	Support TCP / UDP / RTSP protocol
Search	Built-in index
Performance	Up to 900Mbps read and write (without live view/playback) Up to 800Mbps read, 800Mbps write and 96Mbps playback Up to 800Mbps read, 800Mbps write and 96Mbps live view
Storage server management	WEB management, OSSIA CMS management
Management options	RAID management, record management, system log
Security	Supply TPM interface; TPM module installation supported
Interface	1× VGA, 6× USB(4 in the rear panel and 2 in the front panel), 2× RJ 45, 1× IPMI, 1× RS 232
Power Supply	550W 1+1 redundant power supply, 100~240V-7~3.4A / 50~60Hz
Installation	Standard 19" Rack Mount (3U)
Working Environment	Temperature: 10°C to 35°C; standby: –40°C~+55°C(ambient) Humidity: < 90% RH(35°C)
Noise	When Working: < 50Dba

Ossia VMS: dedicated hardware

OC-TS(1U)

Provision-ISR's Transfer server is designed to stream massive amounts of data from the video devices (IPC/DVR/NVR) to the recording servers and viewing clients. The transfer server should be used under two circumstances:
1) When the user needs to expand the system's bandwidth.
2)When the user wants to choose the route from the video devices to the clients.

Main Features

- High-Performance x86 Hardware
- Xeon Processor
- 8GB DDR RAM (Expandable)
- WEB interface for configuration
- 4 x 1Gbps Network Interfaces
- Load-Balancing / Network Redundancy Support
- Multicast – Bypassing the recorder login limit

880 MBPS

4 X 1GBPS NETWORK INTERFACES

SUITABLE FOR MEDIUM/LARGE SIZE SECURITY SYSTEMS

Specifications

HARDWARE	
CPU	Intel Xeon Processor E3- 1225V6 4C/ 4T 3. 3GHz 8M
GPU	Embedded HD Graphics P530/ 72W
RAM	8GB DDR RAM (Expandable to 64GB)
Network Card	Intel I350-T2 + Intel 210 + Intel I219
HDD	Built-in 120GB SSD
PCI Expansion	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
SATA	2 x SATA
INTERFACES	
Display	1 x HDMI (4K), 1 x VGA (1080P), 1 x DVI (1080P)
LAN	4 x 1Gbps (2 Embedded + 2 Over PCI Card)
Keyboard / Mouse	PS/2 Keyboard + Mouse
USB	4 x USB3.0 (Rear Panel) + 2 x USB2.0 (Front Panel)

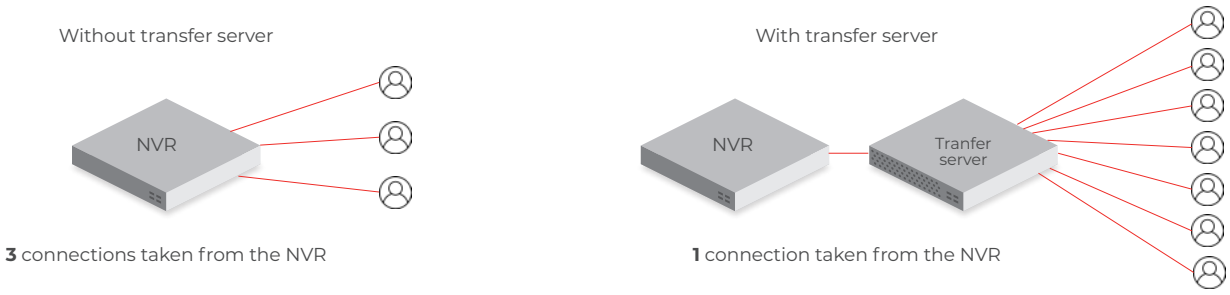
PERFORMANCE	
Incoming Bandwidth	880Mbps
Outgoing Bandwidth	880Mbps
Max Streaming Capability	Depends on Bandwidth
Management	Local Configuration, Remote management by PC Client / Web-Client
Installation	Satndard 19" Rack Mount
Power	100/6A~240V/3A / 50~60Hz
Operation Temperature	Working: 10°C ~ 35°C, Standby: -40°C ~ 70°C
Noise	Working: <50dBA; 6.2BA (<28°C)
IP Rating	None (Indoor Installation)
Dimensions	430*487*44mm
Net Weight	~12Kg

Transfer server schema:

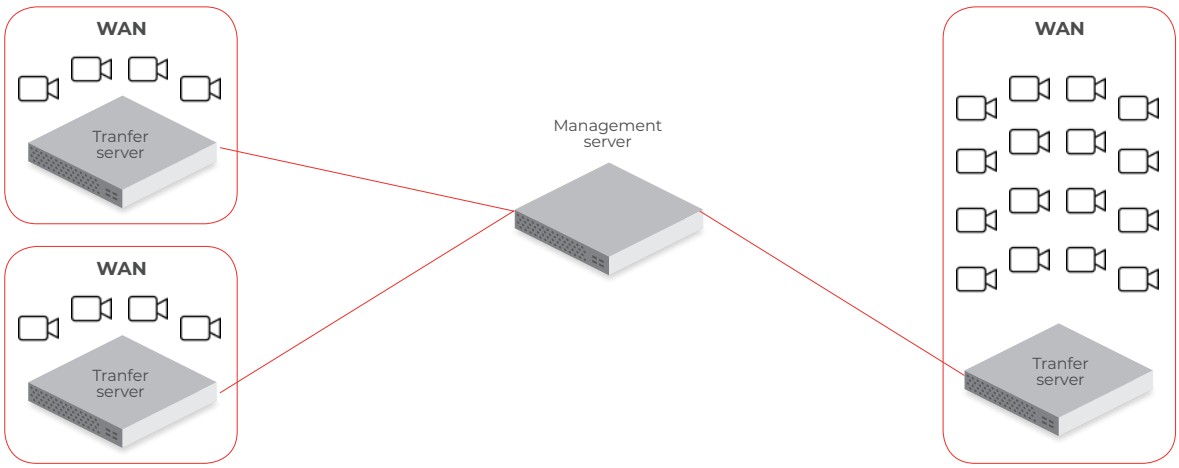
1) Increasing Bandwidth capabilities: each transfer server will add 800 Mbps to the total bandwidth.

Example with 3 transfer server:
Bandwidth = **2400Mbps** (**800 x 3** - Up to **600 IPC**)

2) Allowing multicast video streaming



3) The Transfer Server will mirror all the devices assigned to it, so the “Quick Add” Device List will be fully populated as if the management server is in the same LAN as the IPCs.



Ossia VMS: dedicated hardware

DEC-0104(1U)

The ideal solution for control rooms.
Provision-ISR DEC-0104(1U) decoder makes the difference when it comes to durability. The decoder can display up to 144 channels on four separate screens, taking the most resource-demanding task from the client – to itself. By doing so, the client is left free to deal with the CCTV unexpected tasks such as handling events, playback, alarms, etc.
Each of the 144 windows is dynamic: the user can choose to use it as a live window, playback window, or an alarm pop-up window!

Main Features

- 4 HDMI Output (Total)
- 2 x 4K Screen Output
- 1 HDMI Input
- Audio Support
- Live View
- Alarm Popup View
- Playback View
- PTZ control
- Up to 8MP Decoding

ABILITY TO DISPLAY MASSIVE AMOUNTS OF CAMERAS

EASY INSTALLATION

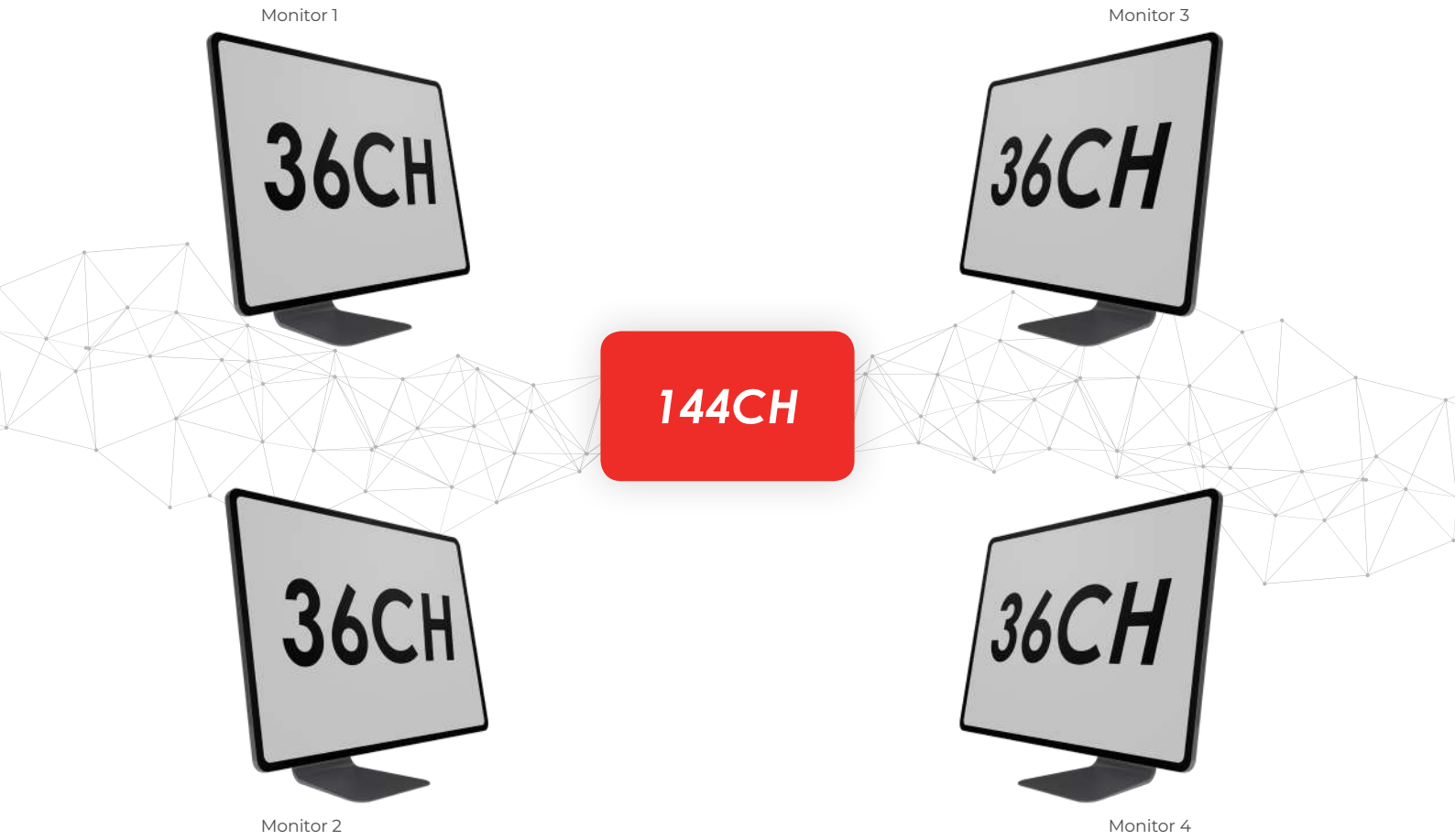
COST EFFECTIVE

Specifications

WORK MODES	
Standalone	In Standalone mode, the user can add IP cameras to the decoder and set the decoding task
Ossia CMS Platform	In Ossia CMS Platform mode, the decoder will be added to the Ossia CMS platform. All devices and task assignments are done via the Ossia CMS clients
WORK MODES	
Display Output	2 x HDMI (4K/1080P/1280x1024), 2 x HDMI (1080P/1280x1024) 4 x VGA (1080P/1280x1024) 4 x CVBS (Analog)
Display Input	1 x HDMI (Up to 1080P)
Audio Output	4 x RCA
Two-Way Audio	1 x Audio input1, 1 x Audio output (3.5mm audio interface, level: 2.0Vp-p, 1KΩ)
LAN	2 x 1Gbps (Load-Balancing and Hot Standby)
USB	1 x USB3.0 + 1 x USB2.0
Alarms	8 x Input + 8 x Output
Serial Ports	1 x RS-485, 1 x RS-232

PERFORMANCE	
Decoding Resolution	8MP / 5MP / 4MP / 4MP / 2MP / 1MP / WD1 / D1 / CIF
Video Decoding Format	H.265 / H.264
Audio Decoding Format	G.711A / G.711U
Decoding Capability (Total Viewed Channels)	4Ch - Up to 8MP 5-16Ch - Up to 4MP 17-64Ch - D1 >64ch - CIF
FPS	1~50FPS (PAL), 1-60FPS(NTSC)
Screen Display Modes	1 / 4 / 9 / 16 / 25 / 36
Local Decoding Capability	144ch
GENERAL	
Installation	Standard 19" Rack Mount
Power	12VDC / 2A
Operation Temperature	Working: -20°C ~ 50°C
IP Rating	None (Indoor Installation)
Dimensions	380*268*45mm
Net Weight	~2Kg

Local Decoding Capability



Ossia VMS: dedicated hardware

IP-KEY02

Much more than a simple accessory
Provision-ISR IP-KEY-02 keyboard is an excellent addition for control rooms, headquarters, or surveillance rooms. It allows you to control numerous Decoders and IP PTZ cameras and choose the camera layout you want by a button press. The operator can easily display up to 144 different channels located on four screens connected to the decoder and fully control IP PTZ cameras for a quick focus on a specific object in the scene.

Main Features

PTZ CAMERAS (IP ONLY)
- Total movement control
- Preset
- Cruise

DECODERS
- Layout control
- Live view
- Playback
- Alarm window
- PTZ control (IP and analog)
- Sequencing channels

CONTROL OVER DECODERS

CONTROL OVER PTZ CAMERAS

EASY OPERATION

Specifications

LOCAL PARAMETERS	
Display	LCD display, multi-language menu supported
Joystick	Four-dimensional joystick
Control keys	Divided by subject
NETWORK PARAMETERS	
Network Interface	One RJ45 10/100M Adaptive Ethernet port
Control Mode	PTZ mode and platform (CMS) mode
Network Management	Configuration and upgrade VIA web
SERIAL PORT PARAMETERS	
Serial Port	Two standard serial ports: RS485 × 1, RS232 × 1
Baud rate	1200bps, 2400bps, 4800bps, 9600bps,19200bps
OTHERS	
Power Supply	DC12V
Power Consumption	≤8W
Working Temperature	-10°C~+60°C
Working Humidity	10%~90%
Dimensions	420(L) × 260(W) × 170 (H) mm
Weight	2.8kg

Applications:

Monitoring the number of visitors in a store chain, tracking a suspicious individual's movement within a shopping center, allowing your staff members to automatically access their workplace.

Enjoy Provision-ISR Ossia VMS and its countless applications!

System Requirements

Decoding \ Hardware			Minimum		Recommended	
			OS: Win7 64Bit; CPU:I5-6400 @2.70GHz; RAM:16G; GPU:Intel HD Graphics 530;		OS:Win10 64Bit; CPU:I5-7400 @3.00GHz; RAM:16G; GPU:NVIDIA GeForce GTX 1060 6GBRAM;	
	Encoding Resolution	Resolution	Stream Configuration	Decoding Channels by H.264	Decoding Channels By H.265	Decoding Channels by H.264	Decoding Channels By H.265
Decoding by external GPU	8MP	3840*2160	FPS: 25 Type: CBR Bit-Rate(Kbps): 8192 I-Frame Interval: 100	4	7	8	9
	5MP	2592*1944	FPS: 25 Type: CBR Bit-Rate(Kbps): 6144 I-Frame Interval: 100	7	11	10	14
	4MP	2592*1520	FPS: 25 Type: CBR Bit-Rate(Kbps): 5120 I-Frame Interval: 100	10	13	18	18
	2MP (1080P)	1920*1080	FPS: 25 Type: CBR Bit-Rate(Kbps): 3072 I-Frame Interval: 100	15	23	30	30
	1.3MP (720P)	1280*720	FPS: 25 Type: CBR Bit-Rate(Kbps): 1536 I-Frame Interval: 100	30	44	45	43
	D1	704*576	FPS: 25 Type: CBR Bit-Rate(Kbps): 768 I-Frame Interval: 100	49	54	65	61

Download Ossia VMS

at www.provisionisr.com

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