ICM-7100SE
IC Realtime Central Management 1U Server

The ICM-7100 series server is IC Realtime's first dedicated Video Management System Appliance. Designed for 24 / 7 / 365 operation, it is meant for enterprise-grade, multiple site management.

This dedicated Linux server uses a Client / Server topology for managing your various remote video devices and locations. Hardware-wise, it includes 4 Gigabit Ethernet ports and a built-in 1 TB HDD for the Video Management System Software and database.

If your project is specified for up to 1,000 cameras, requires an unlimited amount of user accounts, or needs a single point to centrally administrate all of your configuration settings and user accounts, the ICM-7100 is your complete Video Management System. Finally, you can say goodbye to software licenses from other software-based VMS platforms!
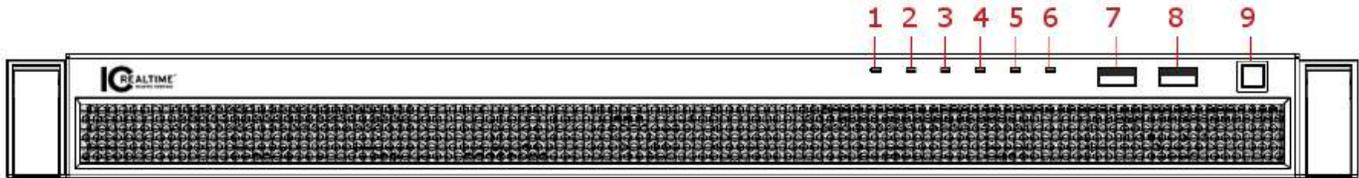
Features

- 64 bit 4 core CPU

- 4 RJ-45 Ports

- Embedded Linux OS
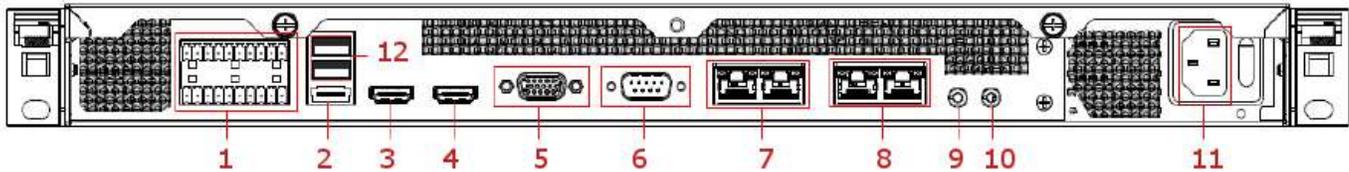
- 3 × 2.5" HDD ports, 1TB built-in

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Specifications

Model	ICM-7100SE
System	
Main Processor	64 bit Quad core CPU
OS	Embedded LINUX
Memory	4GB
Chassis	1.0mm SGCC steel plate
Interface	
Network Port	4 RJ-45 Ports (10 / 100 / 1000Mbps)
Ethernet Port	4 Ethernet Ports Joint Working or 4 Independent 1000Mbps Ethernet Ports
RS232	Reserved
RS485	Reserved (reusable with alarm port)
Alarm Input / Output	Reserved (reusable with alarm port)
USB Port	Front panel: 2 USB 3.0, Rear panel: 2 × USB 2.0
HDMI	2 HDMI, one as network config, another as spare
VGA	1 VGA, as network config
HDD Installation	Built-in 1 x 1TB 2.5" HDD for system Support; 3 2.5" HDD's for Video & Picture storage
Connected cameras per server	1,000
Clients per system	8,000
Number of users	Unlimited
Number of roles	500
Video Input Bandwidth	350Mbps
Video Output Bandwidth	350Mbps
Video Storage Bandwidth	100Mbps
Alarm Inputs	Process 1,000 channel alarms per second
Other	
Power	100V ~ 240V, 47 ~ 63Hz
Consumption	35W ~ 50W (with HDD)
Working Temp	32°F ~ 122°F / 0°C ~ 50°C
Working Humidity	5%~90% (non-condensation)
Storage Temp	-4°F ~ 158°F / -20°C ~ 70°C
Storage Humidity	5%~90% (non-condensation)
Working Altitude	-60m ~ 3000m
Weight	9.9lbs / 4.5kg
Dimensions (W×D×H)	17.3" × 15.7" × 1.7" / 440mm × 398.7mm × 43.65mm
Installation Method	Standard 19 inch rack installation

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1- Network Indicator   4- HDD2   7- USB3.0

2- Alarm Indicator   5- HDD3   8- USB3.0

3- HDD1   6- HDD4   9- Power Button

1- Alarm In & Out   4- HDMI1   7- Ethernet Port 3~4   10- Audio Output

2- eSATA Interface   5- Video VGA Output   8- Ethernet Port 1~2   11- Power Interface

3- HDMI2   6- RS232 Interconnects   9- Audio Input   12- USB2.0×2