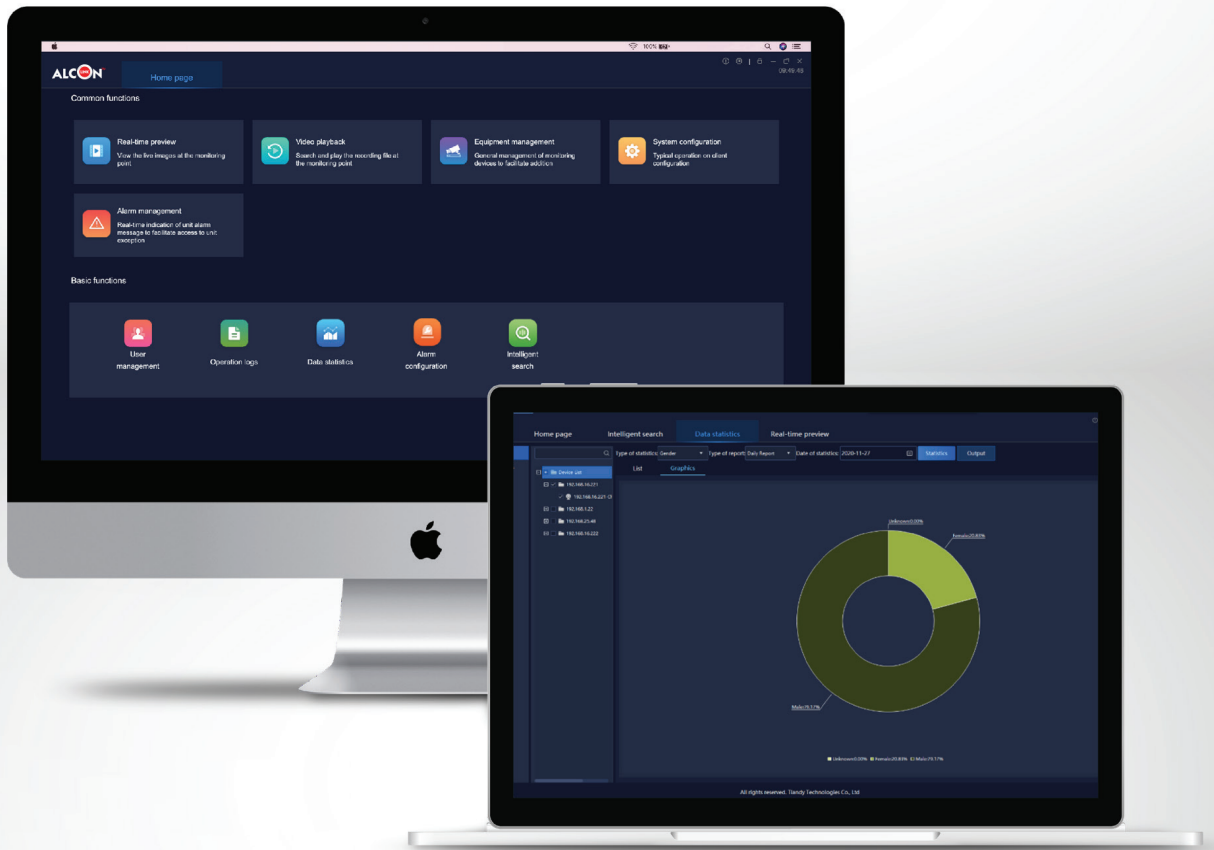


**Alcon MS Enterprise VMS**

SOFTWARE

# CLIENT/SERVER ARCHITECTURE



## OVERVIEW

Alcon MS VMS Enterprise is a professional, smart and intelligent video management software for businesses. Together with our cameras, it can simplify and improve the experience of your video management surveillance software. The VMS enterprise can manage up to 2000 cameras in single system & 128 cameras per server. With advanced client & server architecture, it can fulfil customers' demands and expectations, with smart core functions including live view, record, E-Map, event alarm and smart analysis etc.

<b>SOFTWARE</b>	
Architecture	Client/Server architecture & Per Channel Licence Version
<b>FEATURES</b>	
Key Features	<p>Support ONVIF, Support H.265/H.264 video compression, Support local and NAS storage            Support E-Map (Offer users a complete visual overview of the devices locations.)            Support Advanced PTZ function            Support up to 2000 channels per system/128 channels per server/25 servers per system (The numbers given are recommended maximum.)            Support up to 4 monitors and 64 live view channels per monitor with main or sub streams optional            Support self-adaptive layout            Support up to 64 channels synchronous or asynchronous playback            Support quick locating &amp; playback by tags, events            Support split playback (Split one video into multiple clips and play them back simultaneously.)            Support multiple kinds of overlays for exported videos            Support account management (Flexible customization of the privilege of the roles.)            Friendly GUI for easy operation            Alarm can be triggered in real time by various events including VCA, multiple alarm actions can be enabled at the same time            Support Fisheye Dewarping in both live view and playback            Support smart analysis like ANPR (black/white list detection and smart search)            Support N+N Failover (Any functioning server with failover function on and valid licenses will take over the cameras of the failed server. The cameras with record on will keep recording.)            One system manages several servers. Every server shares the same data file</p>
<b>SERVER</b>	
CPU	Intel Core i9-10900K @3.70Ghz or above
HDD	HDD/SSD(As per users requirement)
GPU	NVIDIA Geforce RTX 2060 & Intel(R) UHD Graphics 630 or above
RAM	16GB or above
NIC	1.0Gbps or above
Display Resolution	1920*1080p or above
OS	Windows 10, Windows Server 2008/2012/2016/2019
Online Users	100
Servers	Support up to 25 servers per system, 25 is a recommended maximum
<b>CLIENT HARDWARE REQUIREMENT</b>	
CPU	Intel Core i9-10900K @3.70Ghz
HDD	HDD/SSD
GPU	NVIDIA Geforce RTX 2060 & Intel(R) UHD Graphics 630
RAM	16GB
NIC	1.0Gbps
Display Resolution	1920*1080p or above
OS	Windows 10 64Bit
<b>LIVE VIEW</b>	
Simultaneously Playing	Up to 64-CH, self-adaptive layout
Multi-monitor	Up to 4 Monitors
Tour	Support
Function	Snapshot, Record, Audio, Talk, Digital Zoom, Fisheye Dewarping, PTZ Control, Stream Switching, Instant Playback
<b>DEVICE MANAGEMENT</b>	
Channel	Support up to 2000 channels per system/128 channels per server(The numbers given are recommended maximum.)
Protocol	MSSP/ONVIF/RTSP
ANR, ANPR Cameras Support	Yes
ANPR Management and Log	Support
Camera VCA	Support
<b>VIDEO/AUDIO COMPRESSION</b>	
Video Compression	H.265/H.264
Audio Compression	G.711 U-Law/G.711 A-Law/AAC LC/G.722/G.726
Video Resolution	12MP/9MP/8MP/6MP/5MP/4MP/3MP/1080P/UXGA/720P/D1/VGA/CIF/QCIF
<b>PLAYBACK AND RECORDING MANAGEMENT</b>	
Playback Channel	Up to 64-CH synchronous or asynchronous playback
Recording Type	Schedule/Event
Playback Type	Schedule/Event/Tag
Export Type	.mp4/.avi/.mkv/.asf/.gif/.exe (The .exe file has a built-in player.)
Export Overlays	Text/Timestamp/Image/Privacy Mask/Transcoding
Function	Snapshot, Audio, Digital Zoom, 1/32x-32x Slower/Faster Play Speed,Rewind Play, Fisheye Dewarping, Split Playback, Lock
<b>ALARM</b>	
Alarm Type	External Alarm, Video Loss, Motion, Tampering, VCA Events, HDD Events, ANPR, Failover etc.
Alarm Action	Emergency Recording, PTZ Movement, Email, Pop up Video, Play Sound etc.
<b>USER MANAGEMENT</b>	
Multi Role	Yes
User Type	Administrator, Operator, Viewer & Customized



\*Product specifications and availability are subject to change without notice.

