TVW-100

**4 Multiple Monitors 1-Bay
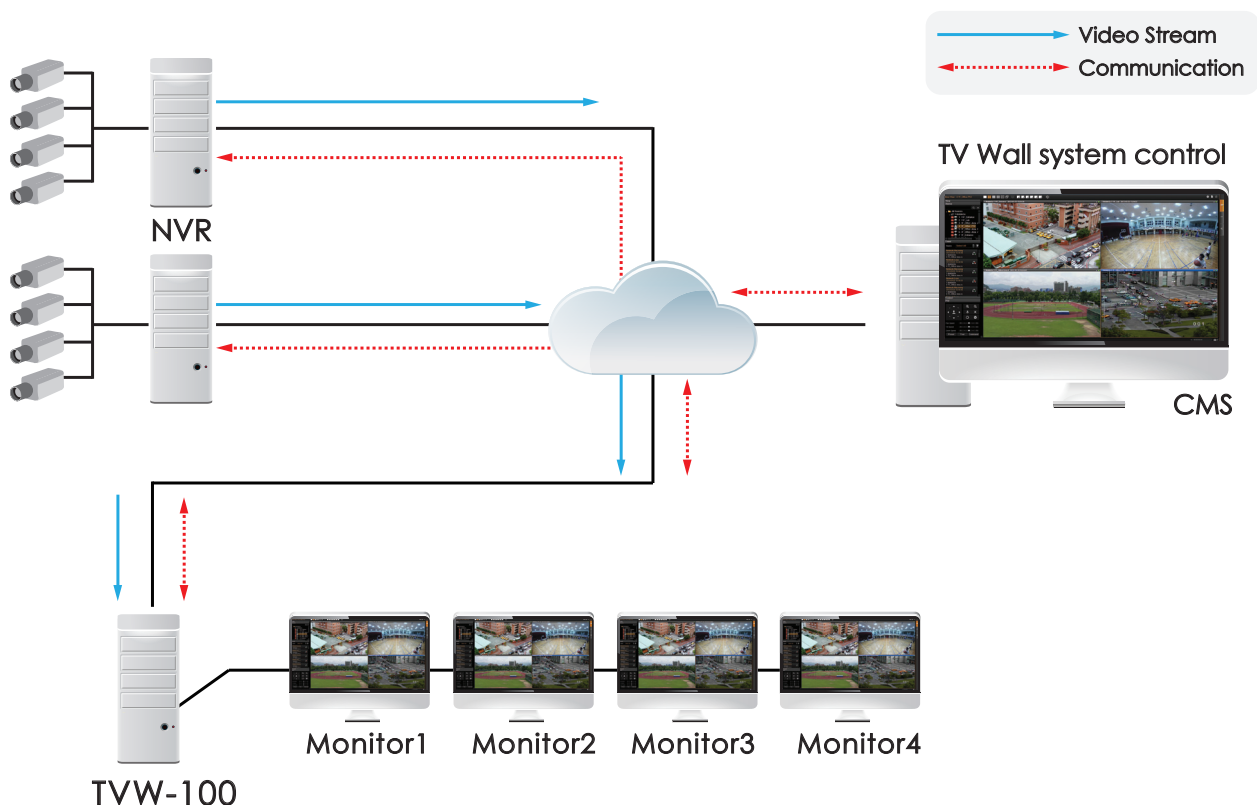Desktop Standalone TV Wall**

- Deliver the true value of high megapixel cameras
- Support up to 4 multiple monitors
- Support up to 64 channels
- Layout: 1, 4, 5, 6, 8, 9, 10, 12, 16, 18, 24, 25, 35, 36, 48, 49, 64
- Flexible TV Wall server layout management, adjustable size and position
- Display e-Maps with camera icons and live view

INTRODUCTION

In a video surveillance deployment, especially with hundreds or thousands of cameras monitoring vast areas, it is ideal for the control center to employ a TV Wall display system. ACTi TV Wall offers the control center with excellent overview monitoring and provides high video quality with finest details.

With the help of ACTi TV Wall, the system operator no longer needs to scale down video resolution or switch between layouts on one screen. ACTi TV Wall enables multiple views to be displayed on different monitors at the same time, supporting up to unlimited channels. ACTi TV Wall helps drive higher operational efficiency and does not let any critical moment go out of sight.

SOLUTION ARCHITECTURE

TVW-100

PRODUCT SPECIFICATION

TVW-100	
• General	
Maximum Number of Monitors	4
Video Resolution	Support all ACTi cameras in all resolutions
Video Compression	H.265, H.264, MPEG-4, MJPEG
Maximun display resolution of System	1920x1080
License	1 Server license bundled
• Live View	
Maximum display layout	64 (per monitor)
Display layout Mode	Local display: 1, 4, 5, 6, 8, 9, 10, 12, 16, 18, 24, 25, 35, 36, 48, 49, 64
Local Display performance	1 monitor: recommended total up to 64 channels 2 monitors: recommended total up to 72 channels 3 monitors: recommended total up to 48 channels 4 monitors: recommended total up to 48 channels *The performance was tested on the camera settings: 640 x 480 15 fps H.264 (Bit Rate: 1Mbps)/ MJPEG (Quality: 60) *The display performance may vary depending on camera settings, the number of channels, current layout, CPU performance and internet infrastructure
Two-Way Audio	Audio sound from and to all the audio supported devices; audio broadcast to multiple devices at the same time
Multiple Stream Management	Live view of stream 1, stream 2 or stream 3 of miulti-stream devices
• e-Map	
Layout	Area maps with camera icons, small live view windows; hyperlinked
e-Map Type	Google Maps; Static Map (JPG image)
• Event	
Event Display	Pop-up the red frame for notification
• System	
Permission Control	Unlimited number of users, Active Directory, Customizable permissions for user groups, Password Validity Period
Settings	TV Wall Server start/stop; Display to monitors on/off; Text overlay
Language	Multi-language support
Maximum Network Throughput	300Mbps
Network Protocal	IPv4, IPv6, TCP/IP, UDP, HTTP, DHCP client, RTP, RTSP, DNS, NTP (SNTP), ICMP, ARP, SMTP, FTP, UPnP, LDAP
• Storage	
HDD Interface	Serial ATA
Maximum HDD Capacity	10TB x 1
HDD Bay	Maximum 1, 3.5" SATA disk (Without Storage Disk)
External Storage Interface	iSCSi, USB mass storage
• Hardware	
CPU	Intel i7-6700TE
Memory	DDR4 2133 MHz SODIMMs (2 x slot, one has benn occupied); 1 x 8GB
Local Display Interface	1 x Displayport, 1 x DVI, 1 x HDMI, 4 x mini-Displayport *Use active converter cable to realize the multi-screen function *With independent graphic card, users can only access the display port from add-on card only
USB	6 x USB 3.0 (2 front panel/ 4 Rear Panel)
Ethernet Ports	2 x Gigabit Ethernet ports
Dimensions (W x H x D)	255 x 88 x 230 mm (10.04" x 3.5" x 8.46")
Weight	3.2kgs (7.02lbs)
Operating Temperature	0°C ~ 40°C (32°F ~ 104°F)
Operating Humidity	10%~85% RH
Power Source	AC100V~240V
Approvals	CE (EN 55022 Class B, EN 55024), FCC (Part15 Subpart B Class B) , UL (only for bundle Power Supply Unit)
• Integration	
Unified Solution	Fully compatible with ACTi CMS2.0

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