VINIS

STELLARVU VMS 2000
1000 DEVICES, 2000 CHANNELS, MANAGEMENT OF NVR, IPC, VIDEO WALL DISPLAY

Stellar Series

KEY FEATURES

- Linux OS, Dual-Bios, Redundant Power, Two-server Hot Standby

- Third-party IP Cameras Supported with Standard Onvif

- Browser/Server and Client/Server

- 1000 Device Connections, up to 2000 Channels of High-definition Network Videos

- Management of NVR, IPC, Decoder, Network Keyboard, Cloud Devices, Alarm Control Panel and Door Access Control, Support Devices' Configuration Import/Export

- Max 16 Hard Disks and 2 Disk Enclosures; Expandable up to 48 Disks with 672TB Storage, Recording Backup, IPSAN Storage

- Max 16 x 1080P Decoding Outputs in Three Screens, Expandable up to 112 x 1080P in 15 Screens with 2 Decoding Cards Inserted

- Service: Live View, Playback, Sequence, Video Wall, E-map, Two-way Audio, and Alarm Plan

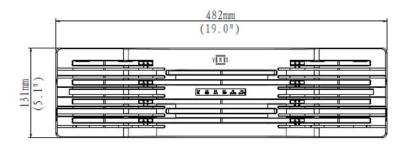| Model No.	NV-VMS2000	
Video Management		
Number of Connected Cameras per Server	1000 Devices or 2000 Channels	1000 Devices Connected via Onvif
Image Processing Performance	Receive vehicle or face images: 100 images per second Note: For example, if each device uploads 1 image per second, then 100 devices can be connected; if each device uploads 5 images per second, then 20 devices can be connected	
Device Management	IPC, NVR, Decoder(standard/expanded), Network Keyboard, Cloud Devices, Alarm Control Panel and Door Access Control	
Numbers of Users	1000	
Numbers of Online Users	300	
Numbers of Roles per User	16	
Bandwidth of Video Input per Server	512Mbps	
Bandwidth of Video Output per Server	384Mbps	
Decoding		
Video Compression	Ultra265, H.265, H.264	
Decoding	4 x 4K@30, 16 x 1080p@30, 36 x 720p@30, 64 x D1	
Resolution	12MP/8MP/6MP/5MP/4MP/3MP/1080P/960P/720P/960H/D1/2CIF/CIF/QCIF	
Display on Video Wall	HDMI(x2) and VGA(x1) Output; HDMI Output Supports 4K Resolution	
Audio Compression	G.711A, G.711μ	
Decoding Card (Optional)	Max 2 Cards Supported; Models: HDMI4-C and HDMI6-C	
HDMI4-C Decoding Card	4 Channel HDMI outputs, with decoding of 4 x 4K@60 or 8 x 4K@30 or 32 x 1080P@30 or 64 x 720P@30	
HDMI6-C Decoding Card	6 Channel HDMI Outputs, with decoding of 6 x 4K@60 or 12 x 4K@30 or 48 x 1080P@30 or 96 x 720P@30	
Storage		
HDD Installation	Hot-swappable HDDs Support 16HDDs (3.5", up to 14TB for each)	
RAID Mode	RAID0, RAID1, RAID5, RAID6, RAID10, RAID50, RAID60	
Performance of Video Storage per Server	512Mbps/ 256 channels	
Disk Enclosure (Optional)	Max 2 disk enclosures supported	
Play		
Play control	1 / 3 / 4 / 5 / 6 / 7 / 8 / 9 / 10 / 13 / 16 / 17 / 25 / 32 / 36 / 64 Window Display Corridor Format, up to 3 Auxiliary Monitors	
Playback	Play NVR Recordings, up to 24 Channels for Multiple Clients; Synchronous Playback up to 16 Channels for Single Client	
System		
Main Processor	Intel(R) CPU	
Intel(R) CPU	4GB DDR3L	
Memory	100-240 VAC (with Power on/off Switch) Dual Power Redundancy	

Interface	
Network	4 x 10M/100M/1000M Base-T adaptive Ethernet Interfaces 2 x 1000M SFP Optical Interfaces
USB	4 x USB3.0
HDMI	2 x HDMI
VGA	1 x VGA
Serial	1 x RS-232 (RJ45), 1 x RS-485 (RJ45)
Alarm Input/Output	24 x Alarm Inputs, 8 x Alarm Outputs
Power output	12V DC
Audio alarm	Buzzer
Expansion	1 x eSATA Interface 2 x miniSAS Interfaces 2 x Decoding Cards

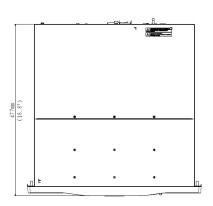| Others		
Power Consumption	≤ 50W (Not including HDD)	≤ 165W (Including HDD)
Operating Temperature	-10°C to 55°C (14°F to 131°F)	
Operating Humidity	10% to 90% (Non condensing)	
Weight	≤ 10.0 Kg	
Dimensions (D x W x H)	Height: 3U, Support Mounting in Standard 19" Cabinet 477.1mm x 481.6mm x 130.5mm (18.8'' x 19'' x 5.1'') (Including Front Panel)	

REAR VIEW

(1) GND	(2) SFP Interface	(3) Adaptive Interface
(4) RS485	(5) RS232	(6) USB
(7) eSATA	(8) Audio Input	(9) HDMI Output
(10) Audio Output	(11) VGA Output	(12) Mini-SAS
(13) Power Button	(14) RST	(15) Alarm Input
(16) Alarm Output	(17) 12V DC Output	(18) Decoding Card 1 (optional)
(19) Power Supply 1	(20) Power Supply 2(optional)	(21) Decoding Card 2 (optional)

DIMENSIONS