VSVMS-500

Introduction

VSVMS-500 is an integrated video surveillance platform for small and medium sized applications. It can connect and manage devices such as IPC, NVR, face recognition terminal, decoder, network keyboard, access controller, alarm controller. VSVMS-500 is easy to deploy, stable and scalable, and it is widely applicable in LAN-based applications such as residential areas, buildings, campuses, hotels, retail stores, and WAN-based applications such as networked chain stores.

Key Features

- Connection: Connect and manage 250 devices, 500 video channels.

- Management: Unified management of IPC, NVR, face recognition terminal, decoder, network keyboard, alarm controller, access controller, cloud devices.

- Bandwidth: 512Mbps input bandwidth, 384Mbps output bandwidth.

- Compatibility: Support standard Onvif and RTSP.

- Service: Live view, playback, sequence, video wall, GIS map, two-way audio, alarm-triggered actions, access control management.

- Access: Browser/Server, Client/Server and mobile clients (both iOS and Android).

- Smart: Multiple smart functions including cross line detection, intrusion detection, face detection, LPR, face recognition, mixed traffic detection, people counting, behavior search, and alarms and reports.

- Stability and reliability: Linux OS, 802.1x authentication, ARP protection, HTTPS, Telnet enabling/disabling, network fault tolerance, load balancing, multi-IP configuration, secure password, and IP address filtering.

- Operation and maintenance: Provide a comprehensive management dashboard, server status, device/channel online/offline status, HDD status, online users, bandwidth usage, packet loss rate, log query.

- Interfaces: 4 x 1000Mbps Ethernet interfaces, 24 alarm inputs, 8 alarm outputs, 4 x USB 3.0, 1 HDMI and 1 VGA.
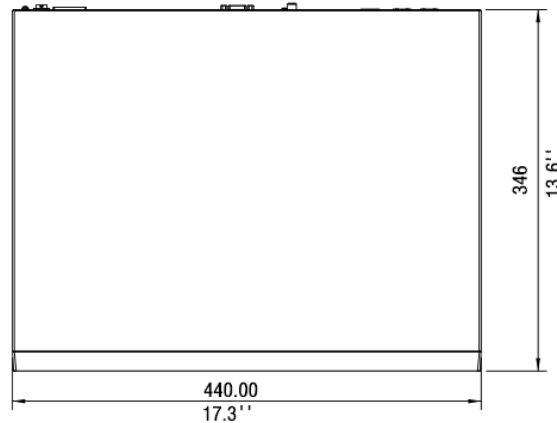
Specifications

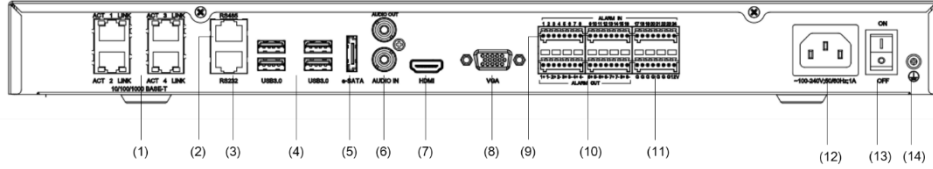| Item		VSVMS-500
Management	Video	250 devices, 500 channels
	Face recognition terminal	128
	Human/vehicle	Can receive 100 vehicle or face images per second. Note: The number of devices supported depends on the number of images sent from the devices per second. For example, if each device sends 1 image per second, then the server can connect 100 devices. If each device sends 5 images per second, then the server can connect 20 devices.
Decoding	Video	H.265, H.264
	Resolution	12MP/8MP/6MP/5MP/4MP/3MP/1080P/960P/720P/960H/D1/2CIF/CIF/QCIF
	Output (local client)	Independent output to HDMI and VGA HDMI supports 4K resolution
	Audio	G.711A, G.711μ
Input Bandwidth		512Mbps
Output Bandwidth		384Mbps
User Management		50 online users
Device Management		IPC, NVR, face recognition terminal, decoder, network keyboard, smart devices, alarm controller, access controller, and cloud devices.
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 16-ch synchronous playback Speed: -256, -128, -64, -32, -16, -8, -4, -2, -1, 1/4, 1/2, 1, 2, 4, 8, 16, 32, 64, 128, 256
Data Info	Alarm Records	200,000
	Operation logs	200,000
	Face capture records	3 million
	Face alarm records	3 million
	Vehicle pass-through records	3 million
	Structured motor vehicle, non-motor vehicle and pedestrian records	3 million
	Access control entry/exit records	3 million
External	Network	4 × 10M/100M/1000M Base-T adaptive Ethernet interfaces

Item		VSVMS-500
Interface	USB	4 × USB3.0
	Serial	1 × RS232 (RJ45), 1 × RS485 (RJ45)
	Alarm input/output	24 alarm inputs, 8 alarm outputs
	Power output	12V DC
	Power	100-240V AC, with power switch
Others	Power consumption	≤ 40W
	Operating temperature	-10°C to 55°C (14°F to 131°F)
	Operating humidity	10%-90% (noncondensing)
	Weight	≤ 4.1 Kg (without HDD)
	Dimensions (D×W×H)	Height: 1U 440 mm × 346 mm × 48 mm (17.3"×13.6"×1.9")

Appearance

Dimensions

Rear Panel

(1) 1000M Ethernet interface	(2) RS485	(3) RS232
(4) USB3.0	(5) eSATA interface	(6) Audio output & input
(7) HDMI	(8) VGA	(9) Alarm input
(10) Alarm output	(11) 12V DC output	(12) Power
(13) Power button	(14) Grounding	