UNV

VMS-B180-A

Introduction

VMS-B180-A 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. VMS-B180-A 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

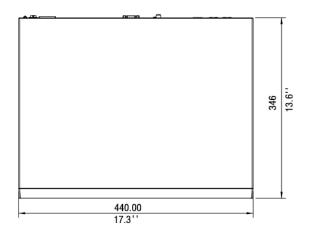
ltem		VMS-B180-A	
Management	Video	250 devices, 500 channels	
	Face recognition terminal	128	
		Can receive 100 vehicle or face images per second.	
	Human/vehicle	Note: The number of devices supported depends on the number of images sent from the devices per second. For example, if each device sends 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	Н.265, Н.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	
		Play NVR recordings	
Playback		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 Interface	Network	4 × 10M/100M/1000M Base-T adaptive Ethernet interfaces	
	USB	4 × USB3.0	

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	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	Height: 1U
	(D×W×H)	440 mm × 346 mm × 48 mm (17.3"×13.6"×1.9")

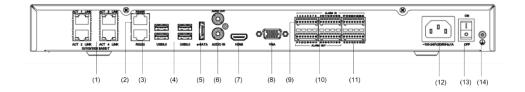
Appearance

Dimensions





Rear Panel



DATASHEET



(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	

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