DW•DIGITAL WATCHDOG®
Complete Surveillance Solutions

VMAX ip™
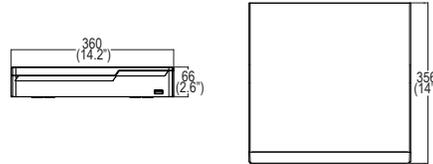
5 YEAR LIMITED WARRANTY

DW-VIP16XT

Features cont.

- Easy Web-Based Client with Multi-User Access
- S.M.A.R.T. Health Check with Email Notification
- Help Menu on Major Functions
- Auto & Manual Firmware Upgrade Available
- Import/Export Configuration between Multiple DVRs
- USB Mouse and GUI Control

Dimensions (unit : mm)

360 (14.2")
66 (2.6")
356 (14")

Complete IP Recording Solution

VMAX IP™ NVRs are designed as part of a complete IP solution. The cameras and NVR are natively integrated to assure complete compatibility between the cameras and the recorder. The cameras are controlled completely from the NVR, for quick and easy installation and set-up.

NVR Summary

The VMAX IP™ 16-Channel NVR, combined with VMAX IP and MEGApix® 1080p Cameras, delivers a simple and hassle-free complete network recording surveillance system. The VMAX IP 16-Channel NVR includes an embedded PoE switch to power the IP cameras directly from the NVR. The NVR provides full real-time HD 1080P live streaming and recording, network monitoring, auto and remote firmware upgrade, free and simple DDNS service and event notifications via e-mail or text. The VMAXIP NVR is backed by Digital Watchdog's unbeatable 5 year limited warranty.

NVR Features

- Support up to 16 2.1MP IP Cameras
- Pivot™ Central Management Software, Up to 128CH
- Mobile Application for iPhone, iPad, iPod, Android Smart Phones and Tablets and Kindle Fire
- MAC Compatible Remote Software
- Intuitive Graphical User Interface (GUI)
- PoE Support to Power IP Cameras Locally
- Bandwidth and Camera Status Monitoring
- Record 30 Frames per Second on Every Channel
- 4 Sensor Input, 1 Relay Output
- Event Notifications via Email, Text and Pivot™ CMS
- Simple & Free DDNS Support for Remote Management

Specifications

VIDEO		
Video Input		16 IP Channels
Video Live	Frame Rate	1 ~ 30fps
	Resolution	First Stream: 1080P (1920x1080), 720P (1280x720), 640x360
		Second Stream: 640x360
Video Output		HD Output
Display Resolution Options		1920x1080p / 1280x720p / 1280x1024 / 1024x768
Screen Display Mode		1, 4, 9, 16 Auto Sequence
Alarm	Sensor Input	4 Input
	Alarm Out	1 Output
Operating System		Embedded Linux
User Interface	Menu Display	Graphical User Interface (GUI)
	Control Methods	USB Mouse
PERFORMANCE		
Recording	Compression	H.264
	Recording Mode	Schedule, Event, Panic, Continuous, Pre & Post Event, Motion, Recording Configuration per Channel
	Pre Recording	3~5 Seconds
	Post Recording	5~15 Seconds
	Recording Rate	First Stream: Maximum 480fps @1080P
		Second Stream: Maximum 480fps @ 640x360
Playback	Playback Rate	Max 30fps @ 1080P
	Fast Forward Functions	x1/16, x1/8, x1/4, x1/2, x1, x2, x4, x8, x16, x32
	Search Modes	Date & Time, First Data, Last Data, Calendar, Bookmark, System & Event Logs
Storage	HDD Interface	Up to 2 HDD
	Max. Internal HDDs	Up to 12TB
	External Storage	USB Flash Drive and HDD
	HDD Interface Type	SATA I/ II
	HDD Health Check	HDD S.M.A.R.T. with E-mail Notifications
Features	Local PoE Support	8 ports (Built-in, 802.3AF) Power Cameras via the NVR
	Digital Zoom	Yes (Live & Playback)
	Software Upgrade	USB Flash Drive, Network Upgrade, FTP Remote Upgrade
	Remote Client	Mobile App for Apple & Android Smart Phones & Tablets
	Covert Channel	Yes (Live & Playback)
	System Monitoring	Connection Failure, Recording Failure, Fan Failure, Disk Error, Network Traffic Monitoring, Camera Status and Connection Log
Available Models		DW-VIP1612T / DW-VIP164T
		DW-VIP162T / DW-VIP166T
		DW-VIP163T / DW-VIP168T
NETWORK		
Network Connection		1x 10/100/1000Mbps WAN port
		8 x 10/100Mbps LAN port (PoE Port)
Streaming	Transmission Speed Live	30fps @ 640x360 / 30 fps @ 1080p
	Protocols	TCP/IP, DHCP, NTP, HTTP, DDNS, RTP, RTSP, FTP, SMTP, ONVIF, UPnP
Access	Web Viewer	Live, Playback, & Config. up to 5 multiple connections
	Remote Client	Mobile App for Apple & Android Smart Phones & Tablets
	Monitoring Software	Pivot (CMS S/W)
GENERAL		
Operating Temperature / Humidity		0 ~ 40°C (32 ~ 104°F)
Operating Humidity		Less than 90% (Non-Condensing)
Electrical	Power Requirement	Main: 12V DC
		PoE: 48V DC
	Power Consumption	Main: 60W, 5A
		PoE: 120W, 2.5A
Dimensions		14.2 x 2.6 x 14 in (360 x 66 x 356mm)
Weight		6.43 lbs (2.92 kg)

*Specifications subject to change without notice.

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