HVRM-HD1600M

16 CHANNEL HD-SDI STAND ALONE VIDEO RECORDER

Features

- FCC, CE, MIC, ROHS APPROVAL 16 CHANNEL HD-SDI STAND ALONE DVR WITH H.264 & JPEG DUAL CODEC
- MAX. 120FPS RECORDING WITH 1080P, 240FPS RECORDING WITH 720P
- ADJUSTABLE RESOLUTION (1080P, 720P) AND FRAME RATE PER CHANNEL
- 4 INTERNAL SATA TYPE HDDS (MAX. 4HDDS CAN BE INSTALLED)
- SUPPORT EXTERNAL STORAGE WITH 64TB VIA STORAGE (NVS04R) OR 16TB WITH ESATA
- SUPPORT MULTI STREAM FOR RECORDING, NETWORK AND MOBILE VIEW SIMULTANEOUSLY
- PROVIDE BUNDLE CMS (SUPPORT 1,000 UNITS REGISTRATION E-MAP, VIEW SET AND SCHEDULE BACKUP)
- USB MOUSE AND USER FRIENDLY GUI
- 4 CHANNEL AUDIO INPUTS FOR RECORDING AND 1 CHANNEL OUTPUT FOR TWO-WAY AUDIO
- PTZ CONTROL (SUPPORT PRESET) VIA RS485
- SUPPORT DYNAMIC IP THROUGH OWN DDNS SERVER
- SUPPORT IR REMOTE CONTROLLER AND EXTERNAL KEYBOARD/JOYSTICK VIA RS485/232
- SUPPORT NTP (NETWORK TIME PROTOCOL) FOR TIME SYNCHRONIZATION
- SUPPORT IPFR (INTELLIGENT POWER FAILURE RECOVERY) FILE SYSTEM
- BUILT-IN HDMI/VGA VIDEO OUT, MULTIPLEXER FOR 4 CH LIVE MONITORING AND PLAYBACK, DVD WRITER, USB AND ESATA PORT FOR DATA BACKUP, WEB SERVER FOR WEB BROWSER MONITORING, PLAYBACK AND BACK UP
- EVENT, THUMBNAIL., DATE/TIME, LOG, TEXT, SMART SEARCH AVAILABLE FROM CONTROL CENTER SOFTWARE
- MOBILE WEBPAGE SUPPORTED (FOR IPHONE, BLACK BERRY, ANDROID PLATFORM)

Specification

VIDEO INPUT	16 CHANNEL HD-SDI INPUT BNC CONNECTORS
MONITOR VIDEO OUTPUT	1 HDMI / 1 VGA
VIDEO COMPRESSION	H.264 & JPEG
DISPLAY SPEED	480FPS
DISPLAY RESOLUTION	1080P, 720P
DISPLAY MULTI SCREEN	1, 4, 9, 16 CH
RECORDING SPEED	120FPS AT 1080P, 240FPS AT 720P
SENSOR INPUT / RELAY OUTPUT	16 INPUT / 4 OUTPUT, CONFIGURABLE NO / NC

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SYSTEM CONTROL	KEY BUTTONS, REMOTE CLIENT, IR REMOTE, KEYBOARD CONTROLLER (OPTION)
PTZ CONTROL	RS 485
AUDIO	4 CH INPUT / 1 CH OUTPUT
CAMERA TITLE	22 CHARACTERS PER CHANNEL
RECORDING MODE	MANUAL & EVENT / SCHEDULE & EVENT
RECORDING QUALITY	5 LEVELS OF COMPRESSION RATE / RECORD FRAME RATE ADJUSTMENT
PRE / POST RECORDING	5 SEC / 60 SEC
MOTION DETECTION	22 x 15 GRID
SEARCH MODE	EVENT, THUMBNAIL DATE / TIME, LOG, TEXT, SMART AVAILABLE FROM CONTROL CENTER SOFTWARE
PLAYBACK MODE	FORWARD, REVERSE, PAUSE, 1/2X, 1X, 2X, 4X, 8X, 16X, 32X, 64X
MULTIPLEX FUNCTION	SIMULTANEOUS RECORD / PLAYBACK / BACKUP, REMOTE MONITORING / REMOTE PLAYBACK
ALARM NOTIFICATION	AUTOMATIC E-MAIL, INTERNAL BUZZER, RELAY-OUT, POP-UP SCREEN, NETWORK EVENT, FTP SENDING
FILE SYSTEM	INTELLIGENT POWER FAILURE RECOVERY
WATERMARK	YES
PASSWORD PROTECTION	11 LEVEL (1 ADMIN / 10 USER)
BACKUP	DVD WRITER (DVD-R 4.7G MEDIA), ESATA, USB, NETWORK
INTERFACE	1 RS 232C, 2 RS 485
STORAGE	4 INTERNAL SATA HDD, 1 ESATA, GIGA ETHERNET FOR NVS04R
NETWORK	TCP IP, ARP, ICMP, DHCP, PPPoE, UDP, SMTP, SNMP, FTP, SNTP, HTTP, TLS
REMOTE CONTROL BY CMS	PROVIDE BUNDLE CMS WHICH SUPPORTS 1,000 UNITS REGISTRATION E-MAP, VIEW SET AND SCHEDULE BACKUP
REMOTE CONTROL BY WEB VIEWER	BUILT-IN WEB SERVER FOR WEB BROWSER MONITORING, PLAYBACK AND BACKUP
REMOTE CONTROL BY MOBILE	IPHONE, BLACK BERRY, ANDROID PLATFORM
OPERATING SYSTEM	Embedded Linux
DIMENSIONS (mm)	445 (W) x 442 (D) x 88 (H)
POWER CONSUMPTION	AC 100~240V, 50 / 60 Hz, Max. 75W, Typical 50W
OPERATION TEMP.	+5 Degree- +45 Degree (+41F- +11F)
STORAGE TEMP	-25 Degree - +70 Degree (-13F- +158F)

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OPERATION HUMIDITY	85% RH below
STORAGE HUMIDITY	95% RH below
TOTLA INTEGRATION SOLUTION& API	Control Center, SDK

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