

Quick Start Guide

Advanced H.264, Full D1 480fps Recorder

VMAX D1

Model : VMAX D1 8/16

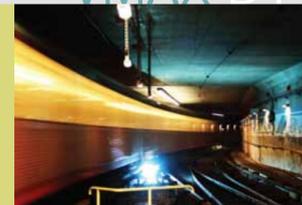


VMAX D1 Quick Guide

Major Features

- Advanced H.264 Linux Embedded DVR
- Hexaplex - Live, Playback, Recording, Backup, Network, Configuration
- Full HD Output for Playback & Live Display
- 240fps at D1 for 8Ch, 480fps at D1 for 16Ch
- POS Support
- HDMI, Composite, & VGA Support
- Looping Output
- NAS (Network Attached Storage) Backup
- Smart Web Viewer for Live, Playback, Backup, Configuration
- Mobile Application for Blackberry, iPhone, Android
- RAID 1,5: Rack Mount Available

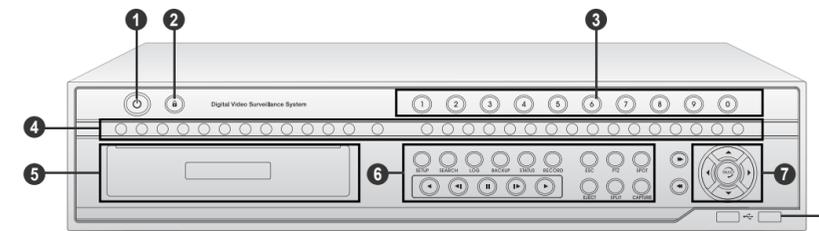
VMAX D1



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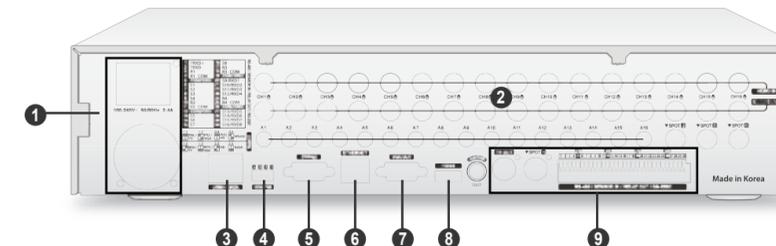
Front & Rear View

Front



1. Power button : Turn it on and off.(authorization required)
2. Lock button : Lock your system(authorization required)
3. Channel Button: Select Channels
4. Status indication : indicate each functional status
5. CD Drive : Door for cd-rom
6. Functional buttons : Setup, Search, Backup, Record, etc.
7. Direction button & select key : Use instead of mouse control
8. USB connection : use for mouse or Backup

Rear



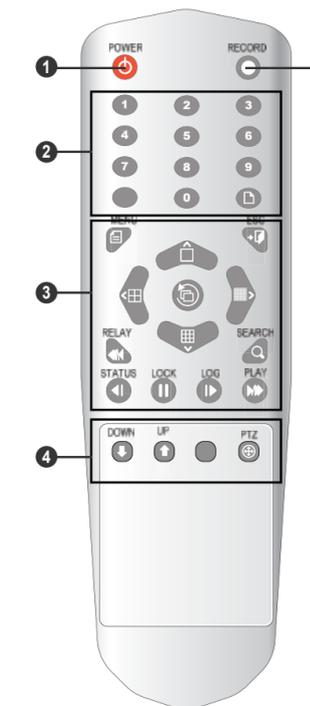
1. Power supply
2. Camera input, loop output, Audio input, Spot output
3. USB connection (USB 2.0 / e-SATA)
4. Configuration Dip switch (NTSC/PAL, monitor out)
5. RS232C for console output
6. Ethernet port
7. VGA output
8. HDMI output for Full HD display
9. Audio out / TV out / Sensor & Relay output

VMAX D1



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Remote Control



1. Power Button
2. Number Buttons
3. System Operation and Setup
 - Menu : Enter Menu
 - ESC : Exit to Previous Mode
 - Search : Search Recorded Image
 - Select : Select Category or Execute Sequence Mode
 - Copy : Copy Recorded Videos
 - Direction : Move within the Setup Menu
4. Up & Down : Scroll Up & Down through Log Page
 - PTZ : Shift to PTZ Camera Control Mode
5. Record Button

VMAX D1



Screen Displayed Icons

Recording event

- Motion Detection Recording
- Sensor Recording
- Audio Recording
- Pattern Change Recording
- Text Recording

Recording Mode

- No video connected' or Covert(Hidden)
- Audio out enabled
- Audio off(Mute)

Control Bar

- | | |
|----------------------|-----------------------|
| 1. DVR ID | 6. Zoom function |
| 2. Full screen | 7. Auto sequence mode |
| 3. 4 channel screen | 8. Date/Time |
| 4. 8 channel screen | 9. HDD status |
| 5. 16 channel screen | 10. Playback |

Quick Setup

Recording event

- Video Recording
- Audio Recording
- Text Recording

Mouse Control

Left Button : Single click : Select
Double click : Single Channel View
Right Button : Enter Setup or Escape

Button Use

Channel Selection : use number key 0-9 to select channel.
(ex. Channel 14, press '1' and '4'.)

Functional Button : Press functional buttons on front panel to search, setup, backup, etc.
To exit press "ESC" or click right mouse button.

Direction key and Select button : Use direction keys and select button to move around within the menu and click "Select."

Log In

Press 'Setup' and 'select' button, then it shows log in windows. Move to 'ID' and choose 'Local Admin(default)' and enter password '0000000'.

Disc Config(HDD setup)

Enter 'Setup', (if not logged in, log in first.) then move to 'Disk Config'. Check 'No2' 'HDD overwrite' option is 'On'. If there is newly added HDD, you can check it on 'No3'. Local Storage management->New. *HDD status should be set as 'Online'

Recording Setup

Enter 'Setup->Recording' and choose a 'Schedule' out of 4. Move to 'Recording' tab and set details. For global setup, press Field name (ex : Camera , Resolution etc) and choose option.

Recording Setup

After recording setup, move to 'Setup->Schedule' and set recording schedule. The number 1-4 means each different schedule. To change recording setup on specific time, select one of schedule (1-4) and click time block on schedule table.

Quick Setup

Camera Adjustment & PTZ

Enter 'Setup->Camera ->Adjust. Double the adjust field and then configure [Brightness/Contrast/color/Hue/Camera adjustment(position)]

For PTZ setup, move to PTZ tab and set protocol, ID, baudrate etc.

SPOT Monitor Use

User can define spot monitor's screen mode as single, Quad, 4x Quad. Right click information in Setup Menu -> Misc. Control-Spot. Single & Quad mode only works in 1 spot. 4xQuad has 4 output spots.

Backup

Press 'backup' button on front or go to backup in 'setup' mode. To backup, select device and set time period , channels to backup and press 'Start' button. Recording, capture, log , setup, NAS backup available

Recording View (Search)

Press 'search' button and press 'Express Search' and set date and time and press 'select' button' or 'playback' button. Simply you can do search by press 'playback◀▶' button in front.

Network (DDNS) Setup

To use DDNS, you have to register DDNS ID & Password on your ddns server. This device provides 'dynDNS.org' and 'DVR.name' server. To register DDNS ID for 'DVR.name' , please contact your dealer.

Remote Access

Provides 2 types of remote connection.

- PC webviewer for pc user
- Mobile webviewer for mobile device user.
- * single channel live monitoring is available.

Features (PC webviewer)

- Live monitoring & playback
- Relay control & Two way audio
- Screen capture & Digital zoom
- PTZ control & preset movement
- Remote Detail setup

How to Connect

- Step 1. Run internet explorer and enter DVR's IP address.
- Step 2. Select PC or Mobile webviewer option.
- Step 3. Enter port(2000), username and password.

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|---|---|
| 1. Live/Playback : click live or playback(search) button | 5. Remote menu : Press button for playback mode and set detail configuration. |
| 2. PTZ control : Use arrows to control PTZ. | |
| 3. Capture : use capture button and capture current image | |
| 4. Digital Zoom : select a channel on the display and press button to select zoom rate. | |