



VMAX480

The VMAX480 Proven Better, Faster, Smarter

More of what you have come to expect from the VMAX family of products.

DW • DIGITAL
WATCHDOG
Everything's Digital

VMAX480

Value Max • Maximum Value • Maximum Performance

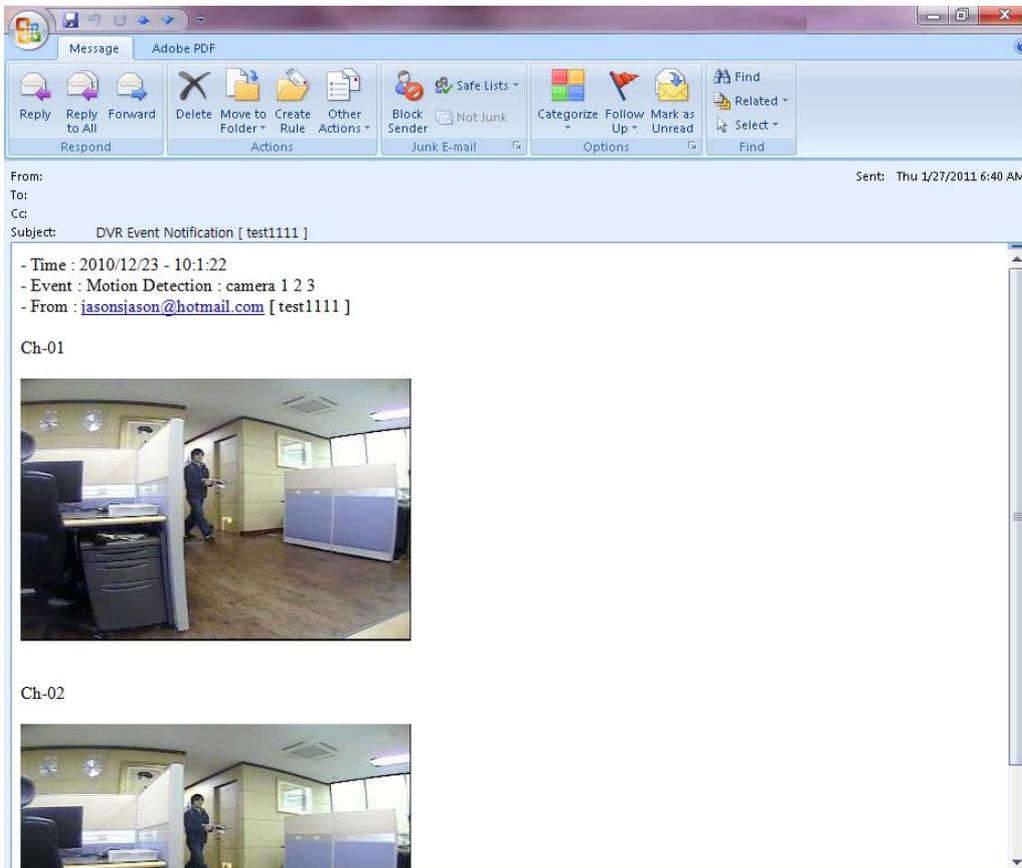
We introduce the **VMAX480 Proven Better, Faster, Smarter**. It is an upgrade of the advanced H.264 Linux Embedded digital video recorder VMAX. The VMAX480 has all the features of VMAX plus more. The VMAX480 is available in 8 or 16 channel configurations with basic storage from 500 GB to 4 TB.

Features New to the VMAX Products

- **8 and 16 Ch Units**
- **120fps @ D1, 480fps @ CIF**
- **HDMI & VGA Output Simultaneously**
- **POS Support**
- **DVD-RW Built-In**
- **Looping Output (Optional)**
- **Mobile Device Quad View and PTZ Control**
- **Text Notifications with Snapshots**
VMAX480 will text an event notification with a snapshot to your mobile phone.

Features New to the VMAX Products

- **Email Event Notifications with Snapshots**
VMAX480 will email an event notification with a snapshot.



Features

- **Advanced H.264 Linux Embedded DVR**
- **Live, Playback, Recording, Backup, Network**
- **One Touch Video Backup**

During Playback mode, press the *Instant Backup* button on the front panel to begin backup immediately.



Features

- **One Touch Reverse Playback**

Click the *Instant Playback* button on the front panel to play the latest video clip instantly.



- **Scheduled Network Backup**

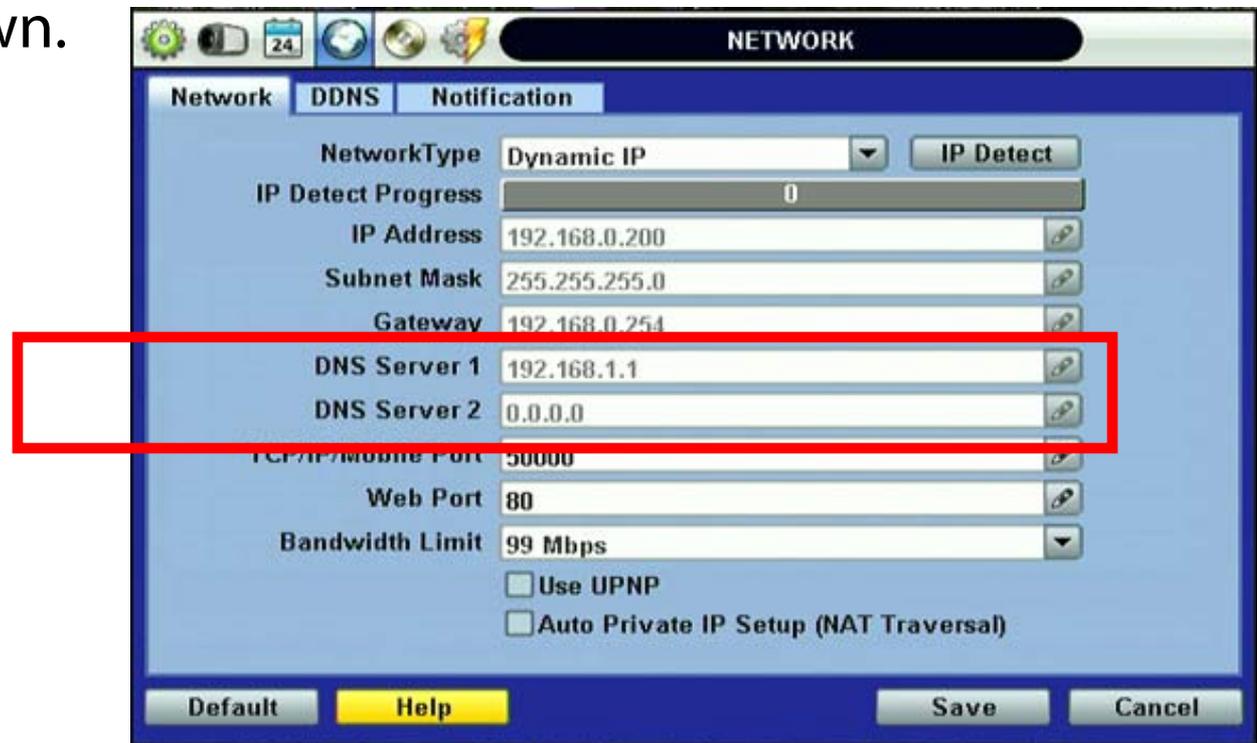
- **Covert Channel**

- **Web-Based Client with Multi-User Access**

Features

- **Two DNS Servers**

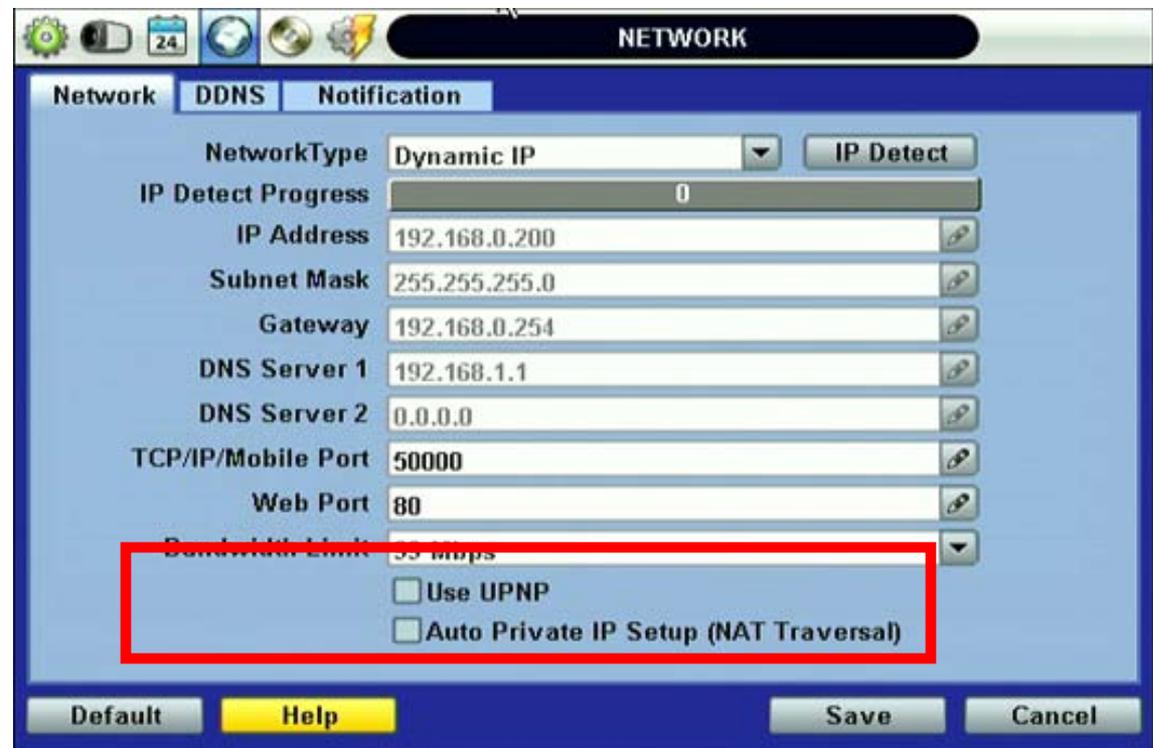
Offers two DNS Server Settings. One for the Preferred DNS Server and the other for emergency situations, like if the main one is down.



Features

- **Automatic Private IP Addressing**

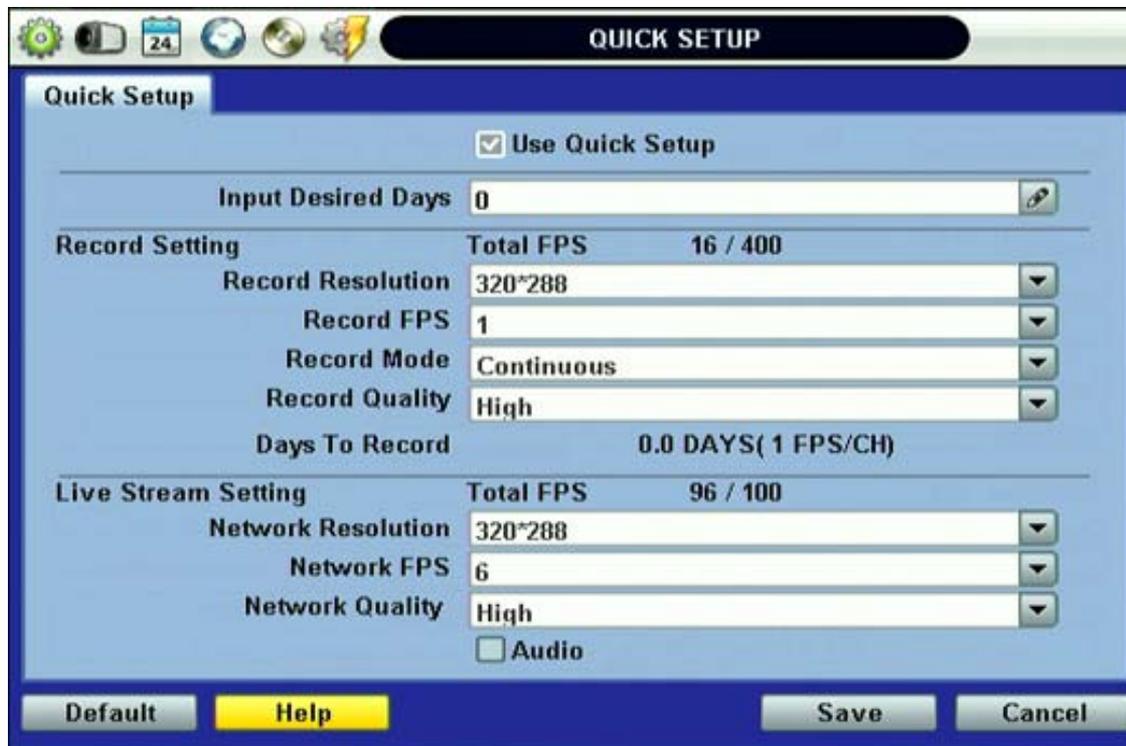
Only provided by Digital Watchdog. Check the *Auto Private IP Setup* box, and your VMAX480 will automatically setup a router.



Features

- **DVR Calculation and Auto Recording Configuration**

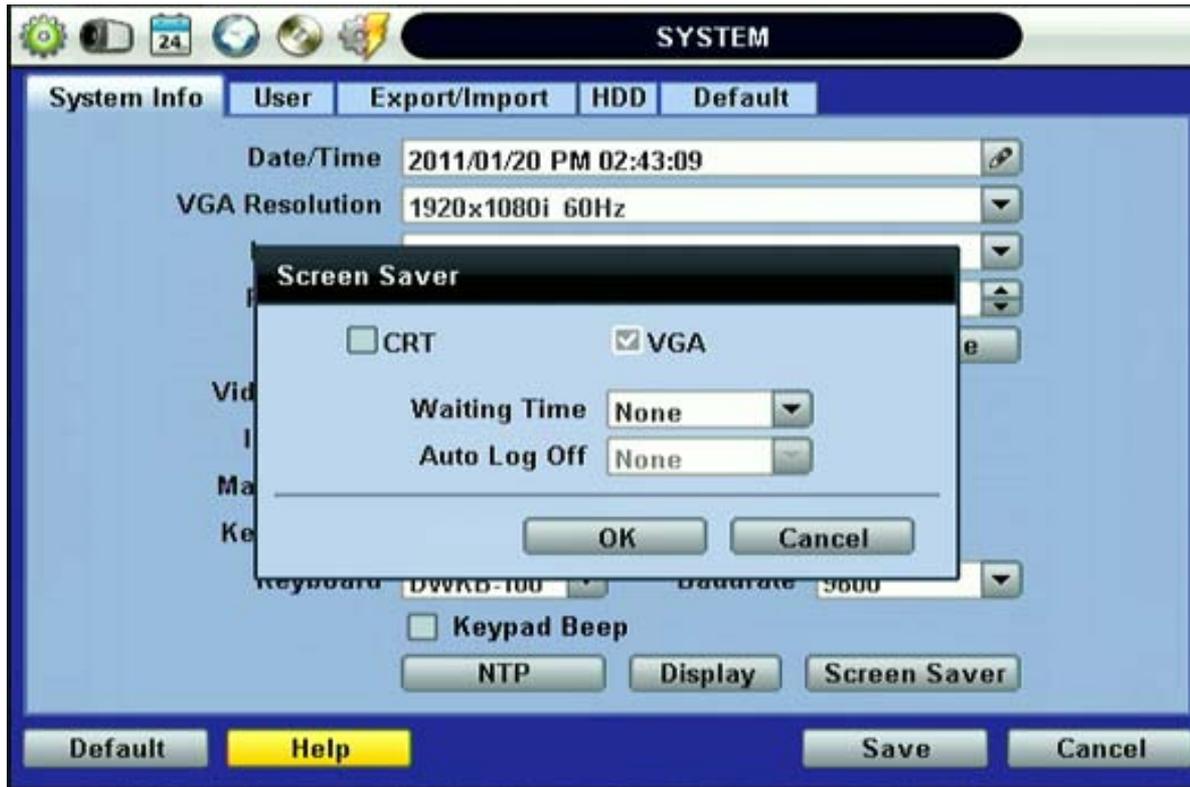
VMAX480 automatically calculates and gives the best configuration settings for the desired number of days.



Features

- **Screen Saver to Protect Monitor Screen**

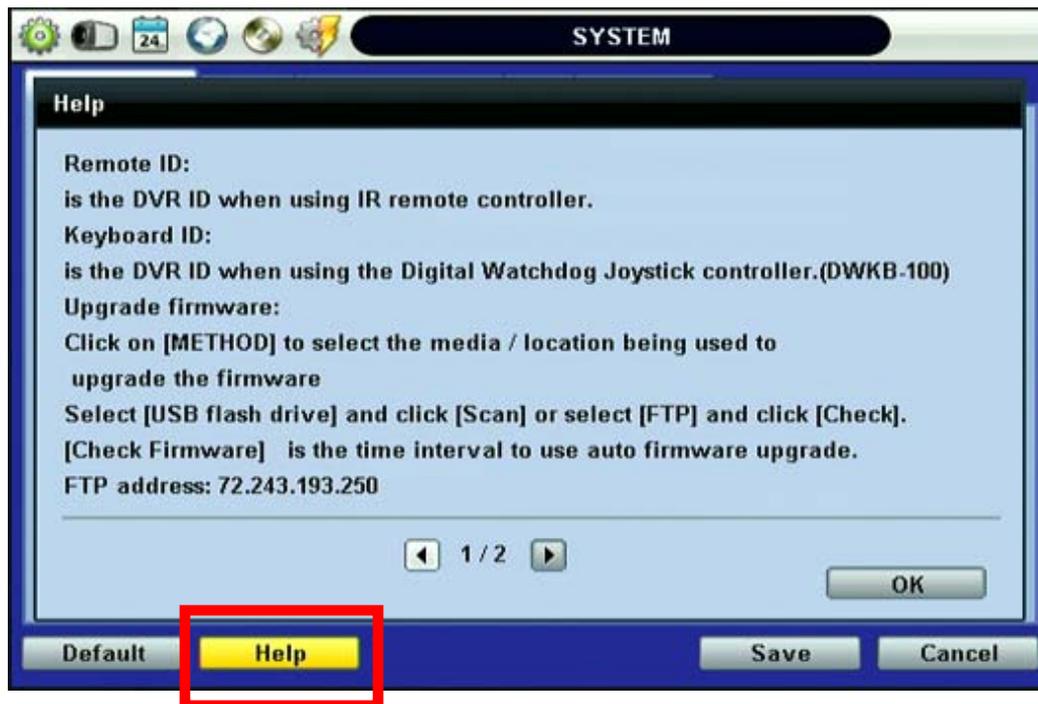
Set a screen saver to protect your monitor screen.



Features

• Help Menu on Major Functions

DW's Help Menu will help you to setup several important settings without the user manual. Just click the yellow *Help* button. DW is the first to use help menus.



Features

- **Call Monitor**

Send out the camera displays to different spot monitors connected to your VMAX480, or sequence cameras from the connected spot monitors.

- **Simple & Free DDNS Support**

- **NTP (Network Time Protocol) Support**

- **Digital Signature Verification (Watermark)**

- **Network Bandwidth Control**

- **DVR Health Check w/ E-mail Notification**

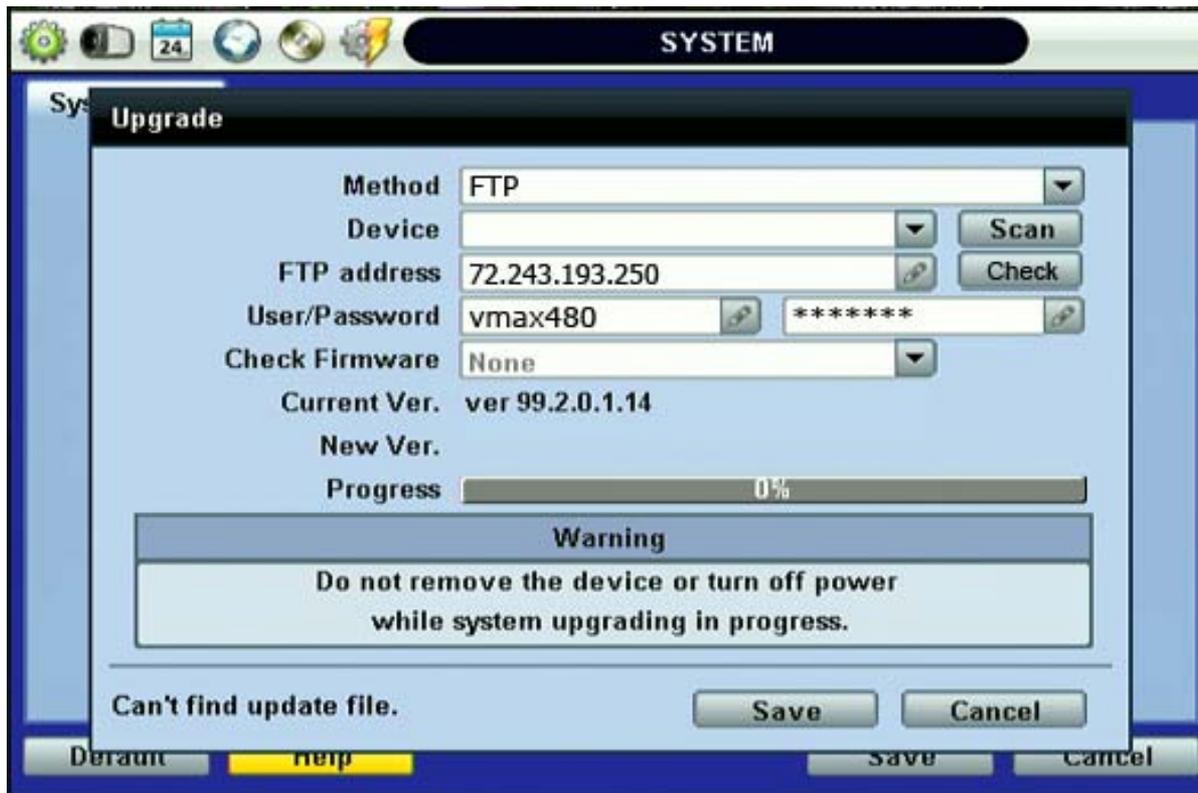
- **Configuration Import/Export**

- **4 Sensor Input, 1 Sensor Output**

Features

- **Auto or Manual Firmware Upgrade Available**

Upgrade the system easily via DVD, CD, USB, or FTP Server.



Features



- **DVD-RW Built-in**
- **Pivot Central Management Software, up to 128Ch**
- **MAC Compatible Remote Software**
- **USB Mouse, IR Remote Control GUI**
- **5 Year Limited Warranty**

Record

- In the Record Setup menu, configure various record settings such as Continuous, Event, Pre-/Post-Alarm, or a combination of Continuous and Event for each camera channel.

RECORD

Record Setup | Panic Record | Schedule | Holiday

Schedule1 | Schedule2 | Copy Schedule | 1→2 | 2→1

Ch.	Resolution	Continuous		Event		Pre-Alarm	Post-Alarm	Mode
		FPS	Quality	FPS	Quality			
1	320*288	25	High	25	High	0	0	C
2	320*288	25	High	25	High	0	0	C
3	320*288	25	High	25	High	0	0	C
4	320*288	25	High	25	High	0	0	C
5	320*288	25	High	25	High	0	0	C
6	320*288	25	High	25	High	0	0	C
7	320*288	25	High	25	High	0	0	C
8	320*288	25	High	25	High	0	0	C
Total FPS		400 / 400		400 / 400				

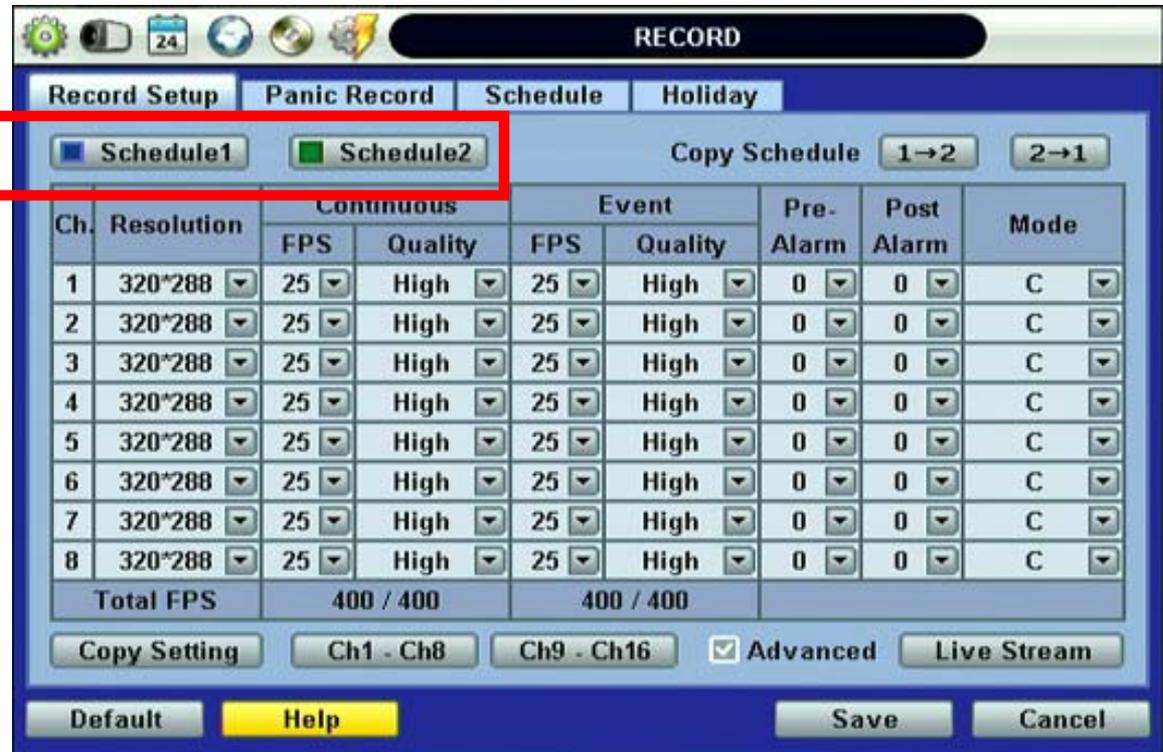
Copy Setting | Ch1 - Ch8 | Ch9 - Ch16 | Advanced | Live Stream

Default | **Help** | Save | Cancel

Record

• Create Two Recording Schedules

Setup Schedule 1 and Schedule 2. A combination of two schedules allows for a more detailed record setup for each camera channel.



The screenshot displays the RECORD software interface. At the top, there are icons for settings, a calendar showing '24', and other system icons. The main window has a title bar 'RECORD' and several tabs: 'Record Setup', 'Panic Record', 'Schedule', and 'Holiday'. Below the tabs, there are two buttons: 'Schedule1' (selected) and 'Schedule2'. To the right of these buttons are 'Copy Schedule' buttons for '1→2' and '2→1'. A red rectangle highlights the 'Schedule1' and 'Schedule2' buttons. Below this is a table with columns for 'Ch.', 'Resolution', 'Continuous' (FPS, Quality), 'Event' (FPS, Quality), 'Pre-Alarm', 'Post-Alarm', and 'Mode'. The table contains 8 rows of camera channels, all with 320*288 resolution, 25 FPS, and High Quality. At the bottom, there are buttons for 'Copy Setting', 'Ch1 - Ch8', 'Ch9 - Ch16', a checked 'Advanced' checkbox, and 'Live Stream'. At the very bottom are 'Default', 'Help', 'Save', and 'Cancel' buttons.

Ch.	Resolution	Continuous		Event		Pre-Alarm	Post-Alarm	Mode
		FPS	Quality	FPS	Quality			
1	320*288	25	High	25	High	0	0	C
2	320*288	25	High	25	High	0	0	C
3	320*288	25	High	25	High	0	0	C
4	320*288	25	High	25	High	0	0	C
5	320*288	25	High	25	High	0	0	C
6	320*288	25	High	25	High	0	0	C
7	320*288	25	High	25	High	0	0	C
8	320*288	25	High	25	High	0	0	C
Total FPS		400 / 400		400 / 400				

Search

- Search for a certain file within the recorded video data. Our Date/Time Search feature gives users a color-coded data of recorded video for a specific date.

The screenshot displays a video search interface. At the top, there are four camera feeds labeled CAM 1, CAM 2, CAM 3, and CAM 4. Below them is a 'Date/Time Search' window. The window shows the record time as 2011/01/20 PM 02:23:02 ~ 2011/01/20 PM 04:09:51. The search criteria are set to Year 2011, Month 1, and Time 15:36:00. A legend indicates the search criteria: Panic (red), Motion (green), M + S (pink), C + M (cyan), Sensor (orange), Continuous (yellow), C + S (brown), and C + M + S (blue). A calendar grid shows the date 20 (highlighted in red) selected. Below the calendar is a timeline from 0 to 24 hours, with a color-coded bar indicating the search results for each channel (CH 1 to CH 8). The bar shows yellow (Continuous) and cyan (C + M) segments between 14:00 and 18:00. The interface also includes buttons for 'Ch1 - Ch8', 'Ch9 - Ch16', 'Play', and 'Cancel'.

Record Time : 2011/01/20 PM 02:23:02 ~ 2011/01/20 PM 04:09:51

Year 2011 Month 1 Time 15 : 36 : 00

S	M	T	W	T	F	S
						1
2	3	4	5	6	7	8
9	10	11	12	13	14	15
16	17	18	19	20	21	22
23	24	25	26	27	28	29
30	31					

CH 1
2
3
4
5
6
7
8

0 2 4 6 8 10 12 14 16 18 20 22 24

Ch1 - Ch8 Ch9 - Ch16 2011/01/20/Thu

Play Cancel

Backup

- Archive a video clip recorded for a certain period on a selected channel or channels.



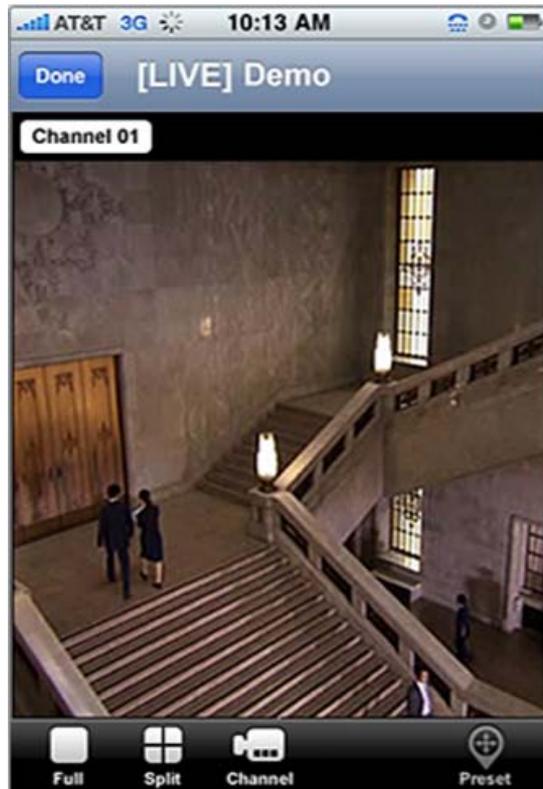
Mobile Phone Software

- **Free VMAX480 Applications for Apple, Android, and Blackberry**



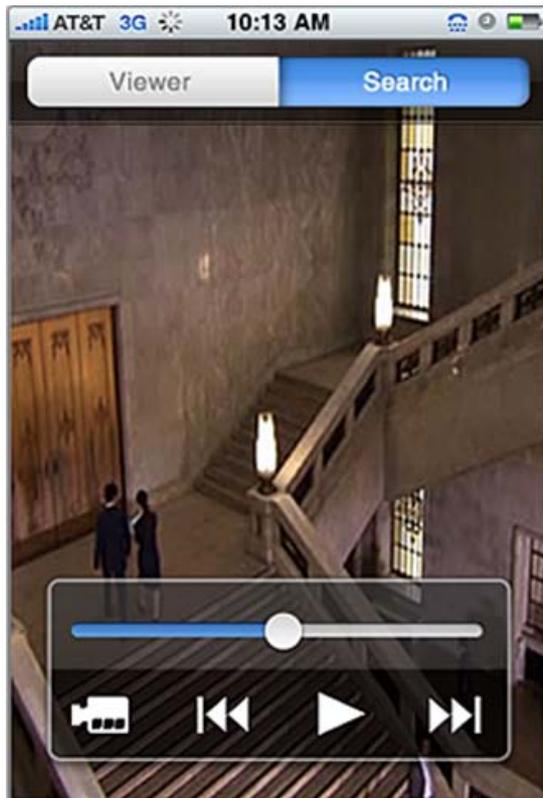
Mobile Phone Software

- Watch a single channel live view or four split channel live view of the connected site(s).



Mobile Phone Software

- Search any single channel from your mobile phone and take a snapshot instantly.



Mobile Phone Software

- Use your fingers to control a connected PTZ camera.



Model Numbers

Without DVD-RW

8 Channel

- **DW-VMAX480 8500**
- **DW-VMAX480 81T**
- **DW-VMAX480 82T**
- **DW-VMAX480 83T**
- **DW-VMAX480 84T**

16 Channel

- **DW-VMAX480 16500**
- **DW-VMAX480 161T**
- **DW-VMAX480 162T**
- **DW-VMAX480 163T**
- **DW-VMAX480 164T**

Model Numbers

With DVD-RW

8 Channel

- DW-VMAX480D 8500
- DW-VMAX480D 81T
- DW-VMAX480D 82T
- DW-VMAX480D 83T
- DW-VMAX480D 84T

16 Channel

- DW-VMAX480D 16500
- DW-VMAX480D 161T
- DW-VMAX480D 162T
- DW-VMAX480D 163T
- DW-VMAX480D 164T

Optional Accessories

- **DW-VR19E: 19" Rack Mountable Ears**
- **DW-VLOOP: Looping Output Cable Set**

VMAX480

Value Max • Maximum Value • Maximum Performance

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