AVTECH

DGD1017

PENTA BRID · **EaZy Networking** · **PUSH Status** · **HDMI**
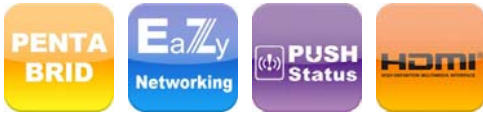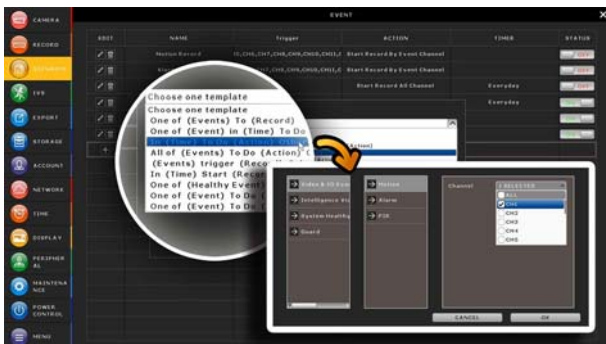
H.265 5MP PENTABRID 16CH XVR

◯ FEATURES

H.265 Compression Technology

❖ The recording capacity is greatly enhanced as well as bandwidth saving for better efficiency and performance than the systems employing other compression formats

Scenario Customization

❖ Allows you to customize a series of actions which will be run automatically after the specified event occurs. There are several scenario templates for you to choose when and what to do after a specific event occurs.

Free P2P Cloud EaZy Networking*

❖ Cloud EaZy Networking available to connect this device to Internet automatically in three steps with our free mobile app, EagleEyes.

❖ The "Buddy" feature to share the device access permission to other people.

❖ Device login / out notifications reported.

Push Status -
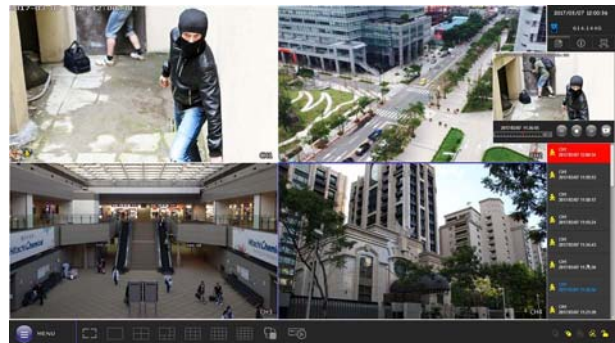### Active Event Notification with EagleEyes App

* Push Status to send instant notifications for system events, such as video loss or HDD data removal.

Pentabrid Video Input

❖ 16 channels of IP / TVI / CVI / Analog HD / 960H video input, within which IP channels are up to 2 channels

❖ Up to 5MP display & recording

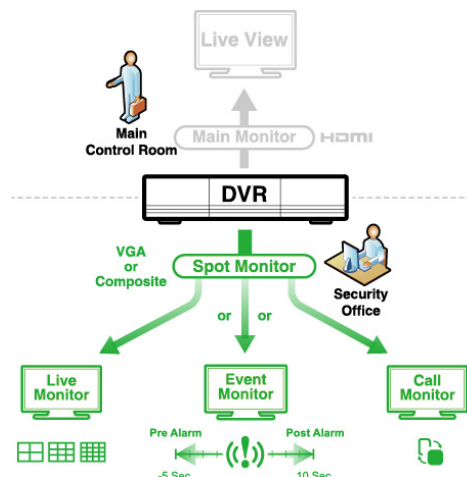### Event Pop-up / Preview

❖ All events are listed on the right panel with corresponding event icons for you to quickly recognize the event type. The most current one will flash to catch your attention. Click one event and you're able to preview the footage with pre-alarm images.

Spot Monitor

❖ In addition to the main display via the HDMI output, you can assign a secondary display to show live view, call monitor or event monitor.

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➲ SPECIFICATIONS

▼ Video

Video System		NTSC / PAL (auto detection)
Video Compression Format		H.265
Video Signal		IP / TVI / CVI / Analog HD / 960H
Video Input		16 pentabrid channels (IP / TVI / CVI / Analog HD / 960H), within which IP channels are up to 2 channels
Video Input Interface	Analog Mode	Composite video signal 1 Vp-p 75Ω BNC
	IP Mode	Ethernet, 10/100 Base-T
Video Output	BNC	YES (Spot Monitor supported)
	VGA	YES (Spot Monitor supported)
	HDMI	YES (4K2K display)
Video Resolution	Analog Mode	5MP / 5MLITE / 4MP / 4MLITE / FHD (1080P) / HD / 960H / Frame / CIF
	IP Mode	2592 x 1944 / 2048 x 1536 / 1920 x 1080 / 1280 x 720 / 720 x 480 / 352 x 240

▼ Record & Backup

Max. Recording Rate	Analog Mode	Up to 96 IPS @ 5MP Up to 128 IPS @ 4MP Up to 240 IPS @ FHD (1080P)
	IP Mode (2 channels)	UP to 30 IPS @ 2592 x 1944 (5MP) UP to 50 IPS @ 2048 x 1536 (3MP) UP to 60 IPS @ 1920 x 1080
Recording Mode		Manual / Timer / Motion / Alarm / Remote
Playback Channel		16CH
Quick Search		Time / Motion / Alarm search mode
Backup Device		USB 2.0 drive / Network
Regular Backup		YES

▼ Audio

Audio Input	2
Audio Output	1 (Mono)

▼ External I/O

RS485	YES

▼ General

Hard Disk Storage	10TB SATA HDD x 1
SATA Interface	YES
Image Quality Setting	SUPER BEST / BEST / HIGH / NORMAL
USB Mouse Control	YES
Motion Detection Area	16 × 12 grids per channel
Motion Detection Sensitivity	3 adjustable parameters for accurate detection
Event Notification	Push Status / FTP / E-Mail
Event Pop-up & Preview	YES
Scenario Setup	YES
Picture Zoom	2X digital zoom
PTZ Control	YES
IR Remote Control	YES (IR receiver built-in)
Key Lock (Password Protection)	YES
User Level	4 user levels for different access privilege
Video Loss Detection	YES

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⊙ SPECIFICATIONS

▼ General

Camera Title	Supports up to 25 letters
Video Adjustable	Hue / Saturation / Contrast / Brightness
Date Display Format	YY/MM/DD, DD/MM/YY & MM/DD/YY
Daylight Saving	YES
Power Source (±10%)	12V / 3A
Operating Temperature	10ºC ~ 40ºC (50ºF ~104ºF)
Operating Humidity	10% ~ 85%
Dimensions (mm)**	260 (L) x 235.7 (W) x 48(H)

▼ Network

Ethernet	10/100 Base-T. Supports remote control and live view via Ethernet
Network Protocol	TCP/IP, PPPOE, DHCP and DDNS

▼ Remote Surveillance from PC

Compatible Operating System	Windows & MAC	
Compatible Program	Web Browser:	Windows Edge, Internet Explorer, Google Chrome & Safari
	CMS Lite:	32CH central management software for Windows OS
Max. online users	20	
Web Transmitting Compression Format	H.265	
Network Live Audio	YES	
Remote Event Download & Playback	YES	

▼ Mobile Surveillance

App	EagleEyes
Compatible Devices	iOS & Android devices
Push Status	YES

▼ Others

EaZy Networking	YES
Spot Monitor Support	YES (VGA & Composite)
DCCS Support	YES
AVTECH Free DDNS service	YES
Privacy Mask	YES
Multiplex Operation	Live display / record / playback / backup / network operations
System Recovery	System auto recovery after power failure
Optional Peripherals	HDMI Matrix (HDM02) / USB Joystick (AVX102)

* The specifications are subject to change without notice.
** Dimensional tolerance: ±5mm

⊙ REAR PANEL

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