DGD2017AX-U2

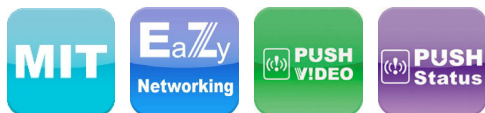MIT | EaZy Networking | PUSH VIDEO | PUSH Status
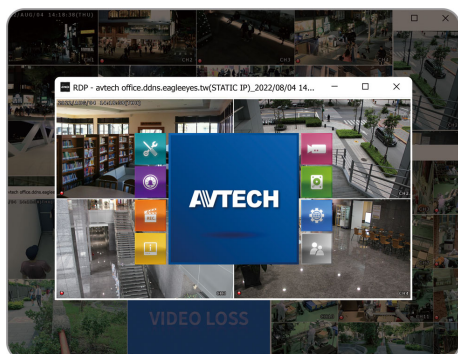
NDAA Compliant | TAA Compliant

H.265 5MP PENTABRID 16CH XVR

FEATURES

Unlimited Channel Remote Live View

The ETU line of recorders allows you to see as many ETU devices simultaneously as needed without a CMS license. Its dedicated AVTECH desktop application lets you view all your ETU recorders from a single PC and screen becoming a suitable solution for all sizes of businesses and projects.

Easy to Use Interface

The ETU line of recorders implements a fully redesigned interface for ease of use providing a plug & play experience for all AVTECH users. The ETU series allows you to avoid time-consuming setup and focus on what is truly important.

100% Made in Taiwan

AVTECH is well-known for its MIT product quality and innovation ability in the CCTV industry. We design and manufacture all of our products in Taiwan and all products are NDAA- and TAA-compliant.

Free & Quick P2P Cloud Service

Simply scan to complete internet setup via our cloud service, **EaZy Networking**, to save you all the troubles of complicated network configurations.

Active Event Notification with APP

The app, **AVTECH DVR**, supports the ETU recorder line to send Push Video messages for alarm or motion events and Push Status messages for system events, such as video loss or HDD data removal.

Remote Surveillance

Remote surveillance is available via the app, AVTECH DVR, and the AVTECH desktop program compatible with Windows OS only

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)
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	8MP Lite / 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
Live Display Mode	Local	16CH
	Remote	4CH
Playback Display Mode	Local	16CH
	Remote	4CH (Web Browser) / 16CH (Remote Desktop Program)

▼ Record & Backup

Max. Recording Rate	Analog Mode	Up to 112 FPS @ 8MP Lite Up to 96 FPS @ 5MP Up to 160 FPS @ 5MP Lite Up to 120 FPS @ 4MP Up to 240 FPS @ 4MP Lite Up to 240 FPS @ FHD (1080P)
	IP Mode	UP to 480 FPS @ 2592 x 1944 (5MP) / 2048 x 1536 (3MP) / 1920 x 1080
Recording Mode		Manual / Timer / Motion / Alarm / Remote
Quick Search		Time / Motion / Alarm search mode
Backup Device		USB 3.0 drive / Network

▼ Audio

Audio Input	4
Audio Output	1 (Mono)

▼ External I/O

RS485	YES
Alarm In	4 in / 2.4V(NC) or 0.3V(NO) threshold DC5V
Alarm Out	1 out / 3A@AC120V, 3A@DC24V

▼ General

Hard Disk Storage	20TB SATA HDD x 2 + external disk array x 1 connected to the recorder via the eSATA interface
SATA Interface	YES
eSATA Interface	Expandable with a SATA to eSATA cable
Image Quality Setting	SUPER BEST / BEST / HIGH / NORMAL
USB Mouse Control	YES
Motion Detection Area	16 × 12 grids per channel
Motion Detection Sensitivity	10 levels
Event Notification	Push Video / Push Status / E-Mail
Picture Zoom	8X digital zoom
PTZ Control	YES
Key Lock (Password Protection)	YES
User Level	4 user levels for different access privilege
Video Loss Detection	YES
Video Adjustable	Hue / Saturation / Contrast / Brightness

⬭ SPECIFICATIONS

▼ General	
Date Display Format	YY/MM/DD, DD/MM/YY & MM/DD/YY
Daylight Saving	YES
Power Source (±10%)	12V / 5A
Operating Temperature	0ºC ~ 40ºC (32ºF ~104ºF)
Operating Humidity	10% ~ 85%
Dimensions(mm)**	319.5 x 254.9 x 52
Net Weight (kg)	1.7

▼ 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		
Remote Access	Web browser	Windows Edge, Google Chrome, Mozilla Firefox & Opera on Windows 10 (and later versions) and Google Chrome & Mozilla Firefox on MAC
	PC program	Remote Desktop Program for Windows OS
	PC program	32CH CMS software for Windows OS
Max. online users	40	
Web Transmitting Compression Format	H.265	
Network Live Audio	YES	
Remote Event Download & Playback	YES	

▼ Mobile Surveillance	
App	AVTECH DVR
Compatible Devices	iOS & Android devices
Push Video	YES (16 channels)
Push Status	YES

▼ Others	
EaZy Networking	YES
Spot Monitor Support	YES (VGA or Composite)
AVTECH Free DDNS service	YES
Multiplex Operation	Live display / record / playback / backup / network operations
System Recovery	System auto recovery after power failure
Optional Peripherals	SATA to eSATA cable
Certification	CE / UL (Power Adapter)

* The VGA display will be off when the HDMI display is set to 4K2K   ** Dimensional tolerance: ±5mm.   *** The specifications are subject to change without notice.

⬭ REAR PANEL