

# Combat series H.265 8-CH DVR



H.265

## Features:

### Local

- ✓ H.265/H.264 video compression/decompression with configurable quality
- ✓ Smart search & playback
- ✓ HDMI \* 1, VGA \* 1, Main monitor \* 1
- ✓ Up to 2 internal SATA HDD (> 6TB/HDD)

### Remote

- ✓ Ethernet and USB 3G/4G dongle support for remote access through I.E. or remote app, e-mail alarm notification, FTP file storage, remote setup and software upgrade
- ✓ DVR browser utility
- ✓ Free DDNS Server
- ✓ Two-way audio capabilities
- ✓ Audio broadcasting
- ✓ Dynamic electronics maps for CMS
- ✓ Remote setup, monitoring, backup, alarm notification, & remote software upgrade
- ✓ Remote access through mobile phone/PDA/Mac/Tablet PC with free iPhone/iPad/Android software app
- ✓ 1 I.E./Firefox/Chrome/App for multiple DVRs
- ✓ Configurable HTTP/SMTP/FTP/Control/Data port
- ✓ Support UPnP, P2P, RTSP and QR code
- ✓ MS-Windows/iOS/Android SDK for the integration with different applications

## Specification:

<b>Model</b>		<b>DX-1228</b>
<b>System</b>	O.S.	Embedded Linux 3.0
	Multiplex	Hexaplex operation - simultaneous record, live, playback, backup, control, & remote access
<b>Video</b>	Format	IP-CAM: ONVIF Profile S; Analog: NTSC/EIA or PAL/CCIR or AHD/TVI/CVI
	Input	IP-CAM: up to 8-CH 1080p/720p; Analog: up to 8-CH AHD/TVI/CVI 5MP, BNC, 1Vp-p /75ohm, <b>Total Max: 8CH Analog or IP-CAM</b>
	Main monitor	HDMI, with resolution up to 3840x2160; VGA, with resolution up to 1920x1080; BNC*1
	Motion detection	Yes, with configurable detection area & sensitivity
	Privacy mask	Yes
<b>Audio</b>	Input	4 RCA-jack connectors, line-in level (100mV-1Vrms)
	Output	HDMI; 1 RCA-jack connector, line-out level (up to 1Vrms)
<b>Record</b>	Compression	Video: H.265/H.264; Audio: ADPCM
	Max frame rate	IP-CAM: 240/200fps@1080p/720p, Analog: 96fps@5MP-lite, 120fps@4MP-lite, 160fps@3MP-lite, 120fps@1080p, 240fps@1080p-lite/720p/960H, Up to 80Mbps incoming bandwidth for IP-CAM
	Pre-record time	0 - 10 seconds
	Post-record time	0 - 60 minutes
<b>Display</b>	Resolution	HDMI - up to 3840*2160, VGA - 1920*1080 ; CVBS
	Split windows	1/4/7/9
	Frame rate	Up to 30/25 FPS per display window
	Digital Zoom	X2, X4
<b>Playback</b>	Max frame rate	96fps@5MP-lite, 120fps@4MP-lite, 160fps@3MP-lite, 120fps@1080p, 240fps@1080p-lite/720p/960H
	Search	Smart search, Date/time, Camera, Alarm, Motion & Video loss
	Operation	Play, Fast Forward, Backward, Pause, Stop, Snapshot, etc.
<b>Storage</b>	HDD	2 x 3.5" SATA HDD with storage > 6TB/HDD; Failure detection & privacy law supported
	HDD Extension	N/A
	Backup	USB 2.0 x 3, up to 2 USBs be used simultaneously ; Self playback for backup files (The front USB port and the upper-back USB port can't be used simultaneously.)
<b>Alarm</b>	Input/Output	N/A
<b>Network</b>	Ethernet	1 RJ-45 10M/100M bps Ethernet connector
	USB 3G/4G dongle	Yes
	Protocol	TCP/IP, HTTP, PPPoE, DHCP, DDNS, FTP, TSP, NTP, RTSP, UPnP, P2P
	Remote	Support Windows 10/8/7, N-streaming live view, 1 I.E/Firefox/Chrome/App for unlimited number of DVRs, App for Mac/iPhone/iPad/Android phone and Tablet PC
<b>Control / POS / GPS</b>	Remote Controller	1 remote controller to control up to 4 DVRs
	RS-485	2-pin for keyboard and/or PTZ control
<b>Reliability</b>	System recovery	Auto power on after power loss recovery
	Watch Dog Timer	Yes
	Timer	Built-in real time clock
	Security	Multi-level password (4 levels, up to 18 accounts) protection with authentication key for remote access
<b>Weights &amp; Measures</b>	Dimension	320(W) x 250(D) x 60(H)mm
	Weight	2.0 KG (without HDD)
<b>Power</b>	Source	+12VDC
	Consumption	36W Max.
<b>Operating Temperature</b>		0°C ~ +55°C