Combat series 16-CH DVR

Hybrid Analog + IPCam | AHD 5MP | TVI 5MP | CVI 5MP

AHD TVI/CVI Analog IP-Cam | Smart Search | Alarm I/O | Onvif Profile S Profile T

(Apple/Android) | P2P QR code | HDMI 4K 3840 x 2160 | UTC

Features:

Local

✓ Video compression/decompression with configurable quality

✓ Smart search & playback

✓ HDMI * 1, VGA * 1, Main monitor * 1

✓ Up to 2 internal SATA HDD (> 6TB/HDD)

✓ Alarm in *4 / Alarm out * 1

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

✓ Support DDNS Server

✓ Push alarm notification for portable device

✓ 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

Model		DX-1236 IO
System	O.S.	Embedded Linux 3.0
	Multiplex	Hexaplex operation - simultaneous record, live, playback, backup, control, & remote access
Video	Format	IP-CAM: ONVIF Profile S/T; Analog: NTSC/EIA or PAL/CCIR or AHD/TVI/CVI
	Input	IP-CAM: up to 16-CH 1080p/720p; Analog: up to 16-CH AHD/TVI/CVI 5MP, BNC, 1Vp-p /75ohm, Total Max: 16CH Analog or IP-CAM
	Main monitor	HDMI, with resolution up to 3840x2160; VGA, with resolution up to 2560x1600; BNC*1
	Motion detection	Yes, with configurable detection area & sensitivity
	Privacy mask	Yes
Audio	Input	4 RCA-jack connectors, line-in level (100mV-1Vrms)
	Output	HDMI; 1 RCA-jack connector, line-out level (up to 1Vrms)
Record	Compression	Audio: ADPCM
	Max frame rate	IP-CAM: 240fps@1080p, 480/400fps@720p, Analog: 192fps@5MP-lite, 240fps@4MP-lite, 320fps@3MP-lite, 240fps@1080p, 480fps@1080p-lite/720p/960H Up to 80Mbps incoming bandwidth for IP-CAM
	Pre-record time	0 - 10 seconds
	Post-record time	0 - 60 minutes
Display	Resolution	HDMI - up to 3840*2160, VGA - 2560*1600 ; CVBS
	Split windows	1/4/7/9/10/13/16
	Frame rate	Up to 30/25 FPS per display window
	Digital Zoom	X2, X4
Playback	Max frame rate	192fps@5MP-lite, 240fps@4MP-lite, 320fps@3MP-lite, 240fps@1080p, 480fps@1080p-lite/720p/960H
	Search	Smart search, Date/time, Camera, Alarm, Motion & Video loss
	Operation	Play, Fast Forward, Backward, Pause, Stop, Snapshot, etc.
Storage	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.)
Alarm	Input	4 contact or TTL/CMOS signals, polarity selectable
	Output	1 Normally Open or Normally Closed relay outputs
Network	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
Control / POS / GPS	Remote Controller	1 remote controller to control up to 4 DVRs
	RS-485	2-pin for keyboard and/or PTZ control
Reliability	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
Weights & Measures	Dimension	320(W) x 250(D) x 60(H)mm
	Weight	2.0 KG (without HDD)
Power	Source / Consumption	+12VDC / 36W Max.
Operating Temperature		0°C ~ +55°C