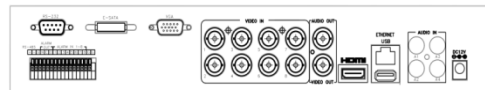


# DK-1228 8MP 8CH DVR (IPC Hybrid)



## Specification:

Model		DK-1228
System	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 8-CH 1080p/720p, IP-CAM supports up to 8MP Analog: up to 8-CH AHD/TVI/CVI 8MP, BNC, 1Vp-p /75ohm, <b>Total Max: 8-CH Analog or IP-CAM</b>
	Output	HDMI up to 3840x2160 ; VGA up to 1920x1080 ; CVBS
Audio	Input	4 RCA-jack connectors, line-in level (100mV-1Vrms) ; 8-CH via Coaxial cable
	Output	HDMI ; 1 RCA-jack connector, line-out level (up to 1Vrms)
Record	Compression	Audio: ADPCM
	Max frame rate	IP-CAM: 8MP/5MP/1080p/720p, Up to 80Mbps incoming bandwidth for IP-CAM Analog: 40fps@8MP-lite, 48fps@5MP, 96fps@5MP-lite, 120fps@4MP-lite, 160fps@3MP-lite, 120fps@1080p, 240fps@1080p-lite/720p/960H
	Pre-record time	0 - 10 seconds
Display	Post-record time	0 - 60 minutes
	Split windows	1/4/7/9
	Frame rate	Up to 30/25 FPS per display window
Playback	Digital Zoom	X2, X4
	Max frame rate	40fps@8MP-lite, 48fps@5MP, 96fps@5MP-lite, 120fps@4MP-lite, 160fps@3MP-lite, 120fps@1080p, 240fps@1080p-lite/720p/960H
	Search	Smart search, Date/time search, POS search, Camera, Alarm, Motion & Video loss
Storage	Operation	Play, Fast Forward, Backward, Pause, Stop, Snapshot, etc..
	HDD & Extension	2 x 3.5" SATA HDD (Up to 10TB capacity for each HDD) (or <b>Optional 1 x 3.5" SATA HDD + 1 eSATA connector</b> )
	Backup	USB 2.0 x 2 ; Self playback for backup files
Alarm	Input	4 contact (Low Active)
	Output	1 Normally Open or Normally Closed relay outputs
	Support	Push alarm & Line notification for portable device; Alarm recording to Google Cloud Drive
Network	Ethernet	1 RJ-45 10M/100M bps Ethernet connector
	Protocol	TCP/IP, HTTP, PPPoE, DHCP, DDNS, FTP, TSP, NTP, RTSP, UPnP, P2P
	Remote Users	Up to 8 users simultaneously
	Remote	Support Windows 10/8/7, N-streaming live view, I.E/Firefox/Chrome for DVR, App for Mac/iPhone/iPad/Android phone and Tablet PC
Control / POS / GPS	RS-485	2-pin for keyboard and/or PTZ control
	RS-232	<b>Optional 1 D-type male connector</b>
Artificial Intelligence		<b>Support for people and car detection (Optional, 1 USB AI stem for 2 channels detection)</b>
Reliability	System recovery	Auto power on after power loss recovery (with Watch Dog Timer)
	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 / Weight	320(W) x 250(D) x 60(H)mm / 2.0 KG (without HDD)
Power	Source / Consumption	+12VDC , 5A / 60W Max. <b>Install 2 HDDs than or equal to 3TB, requires the purchase of a higher amperage adapter. (Optional 8.33A or above)</b>
	Operating Temperature	-5°C ~ +60°C