

# Model : AHD5216F

**5 in 1 (AHD, CVI, TVI, 960H, IP)  
16CH H.265 Pentaplex 8MP Recording DVR**



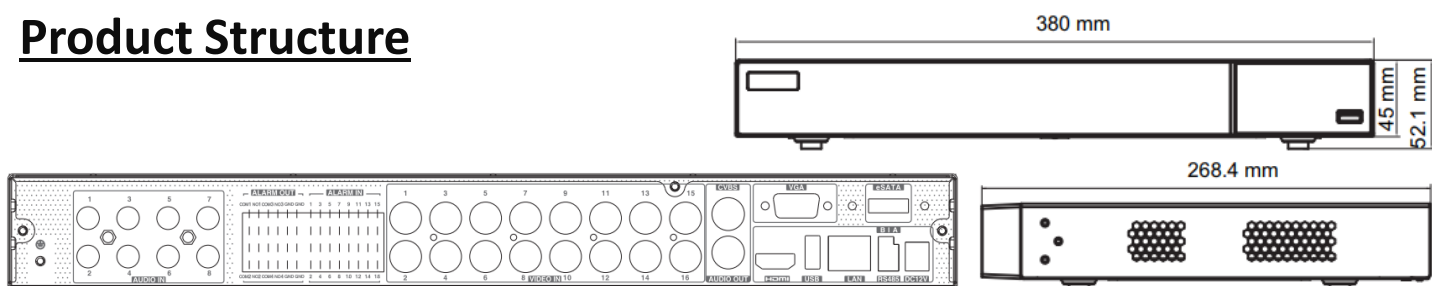
## Key Features

- ▶ 16Ch AHD/TVI video input, support 8MP/5MP/4MP/3MP/1080p/720p/WD1
- ▶ 16Ch CVI video input, support 4MP/3MP/1080p/720p/WD1
- ▶ Support 8ch IPC 8MP/5MP/4MP/3MP/1080p/960p/720p/WD1
- ▶ Adopt standard H.265 high profile compression format to get high quality video at much lower bit rate
- ▶ Intuitive and user friendly Graphics User Interface (GUI), window style operation by mouse
- ▶ Multi mode recording : Manual/Timer/Motion
- ▶ 16Ch playback simultaneously
- ▶ Search: Time Slice/Time/Event(Manual, Motion)/Tag Search
- ▶ Express and flexible backup via USB, network and so on
- ▶ Pentaplex: Preview, Record, Playback, Backup and Remote Access
- ▶ DHCP, DDNS, PPPoE network protocol, IE Browser and CMS supported
- ▶ Remote Control via IE or CMS : Preview, Playback, Backup, PTZ and configuration
- ▶ Dual stream technology for local storage with high definition, remote network transmission and remote surveillance with mobile device
- ▶ Multi user online simultaneously
- ▶ Authorization management, log review and device status review
- ▶ HDMI 4K output, true high resolution display
- ▶ Support PTZ preset and auto cruise, up to 255 presets and 8 cruises
- ▶ Support NAT function and QR code scanning by mobile phone and PAD
- ▶ Powerful smart phone & Pad surveillance with iOS and Android OS



**iOS and Android  
SuperLive Plus**

## Product Structure



Note : All specifications may change without prior notice

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## Technical Specification

System	Compression	Standard H.265 High Profile
	CPU	Cortex A9
	OS	Embedded Linux
Video	Input	BNC x 16 AHD/TVI: 8MP/5MP/4MP/3MP/1080p/720p/WD1 CVI: 4MP/3MP/1080p/720p/WD1
	IP Input/ Access Bandwidth	IPC x 8 8MP/5MP/4MP/3MP/1080p/960p/720p @ 25fps/30fps (PAL/NTSC)
	Output	HDMI x1 : 3840x2160/1920x1080/1280x1024/1024x768 VGA x 1 : 1920x1080/1280x1024/1024x768 CVBS x 1 (used as the main or spot output)
Audio	Input	RCA x 8
	Output	RCA x 1
	2 Way Audio	Take up channel one audio input
Record	Resolution	8MP: 3840x2160, 8MP Lite: 1920x2160 5MP: 2560x1936, 5MP Lite: 1280x1936 4MP: 2560x1440, 4MP Lite: 1280x1440 3MP: 2048x1536, 1080p: 1920x1080, 720p: 1280x720, WD1
	Frame Rate	8MP @ 100fps/120fps (PAL/NTSC), 8MP Lite @ 200fps/240fps (PAL/NTSC) 5MP @ 200fps (PAL/NTSC), 5MP Lite @ 320fps (PAL/NTSC) 4MP @ 200fps/240fps (PAL/NTSC) 4MP Lite/1080p/720p/WD1 @ 400fps (PAL), 480fps (NTSC)
	Bit Rate	32Kbps ~ 5Mbps
	Mode	Manual, Timer, Motion
Playback	Playback	16Ch
	Search	Time slice / Calendar search, Event , Tag search
	Smart Search	Highlighted color to display the camera record in a certain period of time, different colors refers to different record events
	Function	Play, Pause, FF, FB, Digital Zoom
Alarm	Mode	Manual, Motion, Exception
	Input	16Ch
	Output	4Ch
	Triggering	Record, Snap, Preset, e-mail, etc
Network	Interface	RJ45 1000Mbps x1
	Protocol	TCP/IP, DHCP, PPPoE, DDNS, NTP, SMTP, DNS, UPnP
	Bandwidth	72/96Mbps (access/transfer)
Cell Phone	OS	iOS, Android OS
	Function	Multi-screen surveillance (for certain model), record, snapshot, PTZ control, save the device list
I/O	HDD	SATA x 2 (max 6TB each), e-SATA x1
	RS485	RS485 x 1, connect to PTZ or keyboard
	USB	USB 2.0 x 2
	IR Controller	Optional
Others	Power Supply	DC 12V
	Consumption	≤15 W (without hard disk)
	Working temperature	-10 °C ~ 50 °C
	Working humidity	10% ~ 90%
	Dimensions (WxDxH)	380 x 268 x 52
Weight	1.9Kg ( without hard disk)	

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