

# HD CCTV

Over Coax

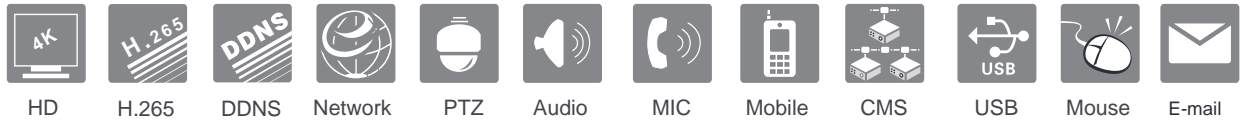


4K DISPLAY

4K Lite Record

4K Lite Playback



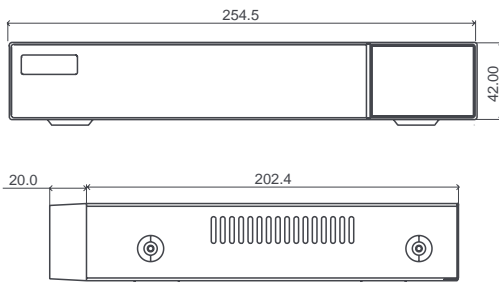


### Introduction

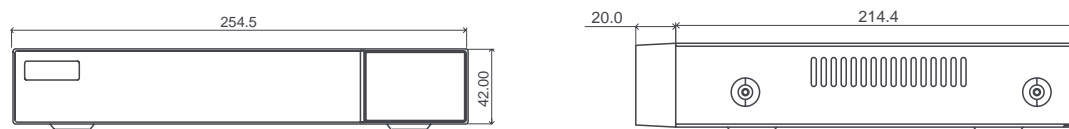
EWS-2100TS-HP series are 4 / 8 CH 8MP/5MP/4MP/3MP/1080P/720P/WD1 high definition DVRs with ability to connect analog and IP cameras simultaneously, which adopt the standard H.265 high profile compression format and the most advanced SOC technique to ensure real time recording in each channel and realize outstanding robustness of the system. EWS-2100TS-HP support 4 / 8 CH video input, 1 CH audio input, simultaneous 4 / 8 CH playback. The series of product can meet different security requirements of home, financial, commerce, enterprise, transportation and government, etc.

### Dimensions

EWS-2104TS-HP

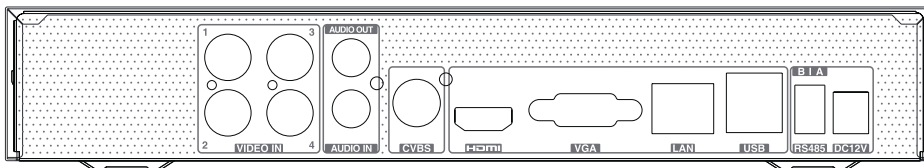


EWS-2108TS-HP

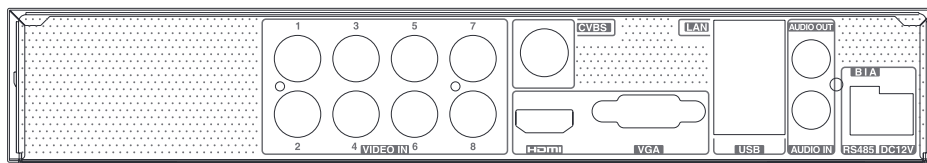


### Rear Panels

EWS-2104TS-HP



EWS-2108TS-HP



### Characteristics

- 4 / 8 CH TVI / AHD/CVI 8MP/5MP/4MP/3MP/1080P/720P/WD1 video input
- 4 / 8 CH DVR support 2 / 8 CH 8MP / 5MP / 4MP / 3MP / 1080P / 720P/WD1 IP input by default
- 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 / smart event  
Playback : 4 / 8 CH simultaneously playback
- Search: time slice, time, event, tag and smart search
- Express and flexible backup via USB, network and so on
- Pentaplex: preview, record, playback, backup and remote access
- DHCP, DDNS, PPPoE network protocol
- 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 QRCode scanning by mobile phones
- Powerful mobile surveillance by smart phones with iOS and Android OS

## Specification

Model		EWS-2104TS-HP	EWS-2108TS-HP	
System	OS	Embedded Linux		
Video	Analog Video Input	BNC x 4	BNC x8	
		BNC interface (1.0Vp-p; 75 )		
		TVI/AHD/CV :14K@15fps, 5MP@20fps, 4MP/3MP/1080P/720P/WD1@30fps (live)		
	IP Video Input	2CH (up to 6CH)	8CH (up to16CH)	
		Up to 8MP@30fps		
	Total Input	6CH	16CH	
Output	HDMI x 1 : 3840 x 2160 / 1920 x 1080 / 1280 x 1024 / 1024 x 768 VGA x 1 : 1920 x 1080 / 1280 x 1024 / 1024 x 768 BNC x 1 : CVBS ( used as the main or spot output )			
Compression	H.264/H.265			
Audio	Input	RCA x		
	Output	RCA x 1 (linear, 600)		
	Two-way audio	Take up channel one audio input		
	Compression	G.711(U/A)		
Record	Resolution	4K/4K Lite/5MP/5MP Lite/4MP/4MP Lite / 3MP/1080P/720P/WD1/D1		
	Frame Rate	Analog Channel: 4K@6/7fps (PAL/NTSC) (4 CH DVR: only CH 1 supports; 8CH DVR: all channels support) 4K Lite@12fps/15fps (PAL/NTSC) 5MP@12fps (PAL / NTSC) 5MP Lite@20fps (PAL / NTSC) 4MP/3MP@12fps(PAL) / 15fps (NTSC) 4MP Lite/1080P/720P/WD1/D1@25fps (PAL) / 30fps (NTSC) IP Channel: 25fps (PAL) / 30fps (NTSC)		
	Bit Rate	32Kbps ~ 4Mbps	32Kbps ~ 5Mbps	
	Mode	Manual, timer, motion, smart event		
	Playback	4CH	8CH	
Playback	Search	Time slice / time / event / tag search		
	Smart Search	Highlight colors to display the camera record in a certain period of time, different colors refer to different record events		
	Function	Play, pause, FF, FB, digital zoom, etc.		
	Alarm	Mode	Manual, motion, exception, smart event	
Alarm	Input	No		
	Output	No		
	Network	Interface	RJ 45 100Mbps x 1	
		Protocol	TCP / IP, PPPoE, DHCP, DNS, DDNS, UPnP, HTTP, HTTPS, NTP, SMTP	
Incoming Bandwidth		16Mbps (Max. 40Mbps)	32Mbps(Max. 64Mbps)	
Outgoing Bandwidth		40Mbps	80Mbps	
MobileDevice	OS	iOS, Andriod		
Storage	HDD	SATAx 1, up to 6TB per HDD	SATAx 1, up to 8TB per HDD	
Backup	Local Backup	U disk, USB mobile HDD		
	Network Backup	Yes		
Port	RS 485	RS 485 x 1, connect to PTZ or keyboard		
	USB	USB 2.0 x 2		
	Remote Controller	Optional		
Others	Power Supply	DC12V / 1.5A	DC12V /2A	
	Consumption	10W ( without HDD )	15W ( without HDD )	
	Dimensions(mm)	255 x 222 x 42 ( W x D x H )	255 x 234 x 42 ( W x D x H )	
	Working Environment	-10~50°C, 10%~90% (humidity)		