



# PRP-5000H16

128CH SSM Recording Server



## Key Features

- Intel Xeon 3.6GHz Processor
- Windows 10 IoT Enterprise on M.2 SSD
- SSM v2.10.0 Preinstalled
- Simultaneous All Channel Live Monitoring and Playback
- Calendar / Event / Bookmark / Smart Search
- RAID-0 / 1 / 5 / 6 and Hot-Swap Support
- Dual Track Recording, Active-Active Failover Support
- Server Clustering Support
- Dual SMPS and Redundant Power
- VGA, HDMI, DVI Support
- 16 Bay Support

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## Specifications

Display		
Network camera	Inputs	Max. 128CH (* If clustering, 132CH)
	Resolution	12MP ~ CIF
	Protocols	Wisenet, ONVIF
Decoding	Local Display	Dual if Full HD monitor Single if UHD monitor
	Multi Screen Display	1/4/9/16/25/36/49/64/72/81/100/121/132/Custom/Auto Mode
	Resolution	1920fps@640x360 (128 division) 2200fps@640x360 (100 division) 1080fps@1920x1080 (36 division) 450fps@2592x1944 (15 division) 270fps@3840x2560 (9 division)
Performance		
Operating System	Embedded	Windows 10 IoT Enterprise (SSM preinstalled)
Record	Compression	H.265, H.264, MJPEG, WiseStream(H.264, H.265)
	Recording Bandwidth	Max. 520Mbps
	Resolution	12MP ~ CIF
	Mode	Normal, Schedule (Continuous / Event), Event (Pre / Post), Event Profile, ARB, Dual-Track
	Event Trigger	Video loss, Camera event(Sensor, MD, Passing, Entering, Exiting, Disappearing (Appearing), Tampering, Tracking, Face Detection, Audio Detection)
	Event Action	Instant Viewer, Preset, Alarm Out, Pop-up, Sound and E-mail notification
Search & Play	Playback Bandwidth	Max. 150Mbps
	User	Max. 1024 Users (132Ch concurrently)
	Simultaneous playback	Max 25Ch. (128Ch with Dual Recording)
	Fisheye Dewarping	Console
Storage	Supported HDD	Up to 10TB
	HDD Slot	SATA 16ea
	RAID	0/1/5/6
Backup	File backup	AVI, SEC
	Function	Manual Backup, Onetime Schedule Backup
Network		
Protocol	IPv4, IPv6, TCP/IP, UDP/IP, RTP (UDP), RTP (TCP), RTSP, NTP, HTTP, DHCP (Client), SMTP, ICMP, IGMP, ARP, DNS, DDNS, SNMP(Client), HTTPS, ONVIF (Profile-S), SUNAPI(Client)	
DDNS	Wisenet DDNS	
Audio	Input/Output	128CH(network)
	Compression	G.711 u-law(PCM), G.723, G.726(ADPCM), AAC
	Audio Communication	2-Way

Design and specifications are subject to change without notice. The latest product information / specification can be found at [HanwhaVision.com](http://HanwhaVision.com)

Hanwha Vision is formerly known as Hanwha Techwin.

Max Remote Users	1024 (Tested)
Security	HTTPS(SSL) Login Authentication Digest Login Authentication IP Address Filtering User access log Device Certificate(Hanwha Techwin Root CA)
Viewer Software	SSM Client, SSM Mobile

Functions		
Camera Setup	Item	Automatic device IP scanning, Add profile edit, Resolution, Fisheye dewarping mode, Hallway View Setup, Brightness/Contrast, Viewing the device settings(Device webpage), Exporting/Importing devices settings,, Updating the device firmware
PTZ	Control	Via GUI, Controller (SPC-2000, SPC-7000)
	Preset	300
Smart phone	Support Model	iOS, Android
	Protocol Support	RTP, RTSP, HTTP, HTTPS, CGI(SUNAPI)
	Control	Live(Multi-Profile Support), Playback
	Max. Remote Users	Max. 1024 Users (132Ch concurrently)
Redundancy	Failover	Active&Active, Active-Standby
	ARB	Support

Interface	
HDD Key Lock	Yes
HDMI	1EA
VGA	1EA
DVI	1EA
Audio	Out(1EA Line)
Ethernet	RJ-45(10/100/1000BASE-T) x 2
USB	6EA(Front 2, Back 4)
Power inlet	AC 2EA

System	
System Control	Mouse, Keyboard
Language	English, French, German, Italian, Spanish, Russian, Turkish, Polish, Dutch, Swedish, Czech, Portuguese, Danish, Rumanian, Serbian, Croatian, Hungarian, Greek, Norwegian, Finnish, Korean, Chinese, Japanese, Thai, Vietnamese

Environmental	
CPU	Xeon E3-1275 v5 (8M Cache 3.6GHz)
RAM	8GB RAM 2EA
OS HDD	M.2 SSD 128Gb
Operating Temperature	+5°C ~ +40°C (+41°F ~ +104°F)
Operating Humidity	Less or equal to 80%

Electrical	
Power Input	100 ~ 240VAC, 50 ~ 60Hz
Power Consumption	550W Dual

Mechanical	
Color / Material	Silver / Metal
Dimension (WxHxD)	446.7 x 130.9 x 503.1mm (3U, 19" Rackmount)

Weight	17.6Kg (HDD excluded)
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