

PRP-4000H8/5000H16

72 / 128CH SSM Recording Server

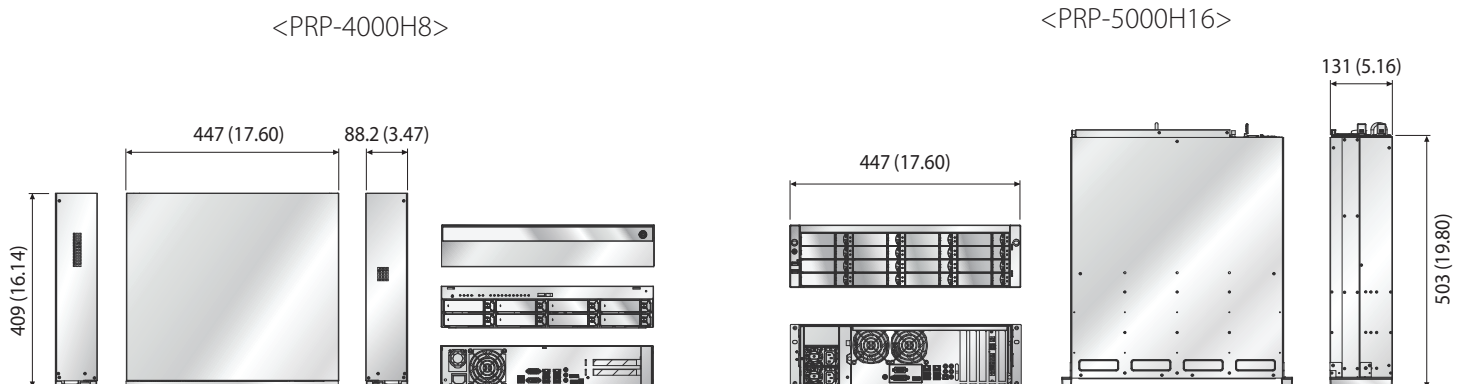


Key Features

- 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 (5000H16)
- VGA, HDMI, Display port (4000H8), DVI (5000H16) Support
- 8 Bay (4000H8) / 16 Bay (5000H16) Support

Dimensions

Unit : mm (inch)



		PRP-4000H8	PRP-5000H16
DISPLAY			
Network Camera	Input	Max. 72CH	Max. 128CH
	Resolution	CIF ~ 12MP	
	Protocols	Wisenet, ONVIF	
Live	Local Display	VGA, HDMI, DP	VGA, DVI, HDMI
	Multi-Channel Display	1 / 4 / 9 / 16 / 25 / 36 / 49 / 64 / 72 / Custom / Auto mode	1 / 4 / 9 / 16 / 25 / 36 / 49 / 64 / 72 / 100 / 121 / 132 / Custom / Auto mode
	Video Codec	H.264, H.265, MPEG-4, MJPEG	
PERFORMANCE / FUNCTIONS			
Operating System		Windows 10 IoT Enterprise	
VMS		SSM preinstalled	
Record	Compression	H.265, H.264, MJPEG, WiseStream (H.264, H.265)	
	Recording Bandwidth	Max. 400Mbps	Max. 520Mbps
	Resolution	CIF ~ 12MP	
	Recording Mode	Normal, Schedule (Continuous / Event), Event (Pre / Post), Event profile, ARB, Dual-track	
	Event	Video loss, Camera event - Sensor, MD, Passing, Entering, Exiting, Appear / Disappear, Tampering, Tracking, Face detection, Audio detection	
	Event Trigger	Instant viewer, Preset, Alarm Out, Pop-up, Sound and E-mail notification	
Search / Playback	Playback Bandwidth	Max. 150Mbps	
	Resolution	CIF ~ 12MP	
	Decoding Performance	1080fps@1080p, 36 Split view 2160fps@720p, 72 Split view	1080fps@1080p, 36 Split view 2160fps@720p, 72 Split view 3840fps@640x360, 128 Split view
	Mode	Date & Time (Calendar) / Event / Smart search	
	Simultaneous Playback	Max.72ch (2160fps / 720p)	Max.128ch (3840fps/VGA)
	Fisheye Dewarping	Console	
	Playback Control	Start / Stop, Pause, Fast / Slow Forward / Backward, Step Forward / Backward, Skip Forward / Backward	
Backup	File Format	AVI, SEC	
	Backup mode	Manual backup, Onetime schedule backup	
Audio	Compression	G.711 u-law (PCM), G723, G726 (ADPCM), AAC	
	Two-way Audio	Support	
Camera Setup	Registration	Auto / Manual	
	Setup Items	Automatic device IP scan, Profile edit, Resolution, Fisheye dewarping, Hallway view, Brightness / Contrast, Device setup page, Exporting / Importing devices settings, Device firmware update	
Date & Time Sync		NTP server	
PTZ	Control Device	Via GUI, Controller (SPC-2000, SPC-7000)	
	Preset	300	
Failover / ARB		Support (Active&Active) / Support	
Server Clustering		Max. 28ea	Max. 16ea
System Control		Mouse, Controller	
Log		System, Event, User, Device	

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Hardware	Processor	Xeon E3-1275 v5 (8M Cache 3.6GHz)	
	Memory	Unbuffered ECC DDR3 8GB x 2	
	OS Disk	M.2 SSD 64G	M.2 SSD 128G
	Driver Type	SATA 6Gb/s	
	HDD	3.5" 8ea Hot Swap (Max. 80TB)	3.5" 16ea Hot Swap (Max 160TB)
	RAID	0, 1, 5, 6	0, 1, 5, 6
	Network	Gigabit ethernet RJ-45 (1000 Base-T) x2	Gigabit ethernet RJ-45 (1000 Base-T) x2, IPMI
ELECTRICAL / ENVIRONMENT / MECHANICAL			
Electrical	AC Input	100 ~ 240 VAC, 50 ~ 60Hz	
	Power Supply	350W (single)	Redundant 500W x 2
	Current (Max.)	4A (100V), 2A (240V)	
Environmental	Operating Temperature / Humidity	+5°C to +40°C(+41°F to +104°F) / Less than 80%	
Mechanical	Color / Material	Black / Metal	
	Form Factor	2U, 19" Rackmount	3U, 19" Rackmount
	Dimension (WxHxD)	447.1 x 88.2 x 409mm (17.60" x 3.47" x 16.10")	447 x 131 x 503mm (17.60" x 5.16" x 19.80")
	Weight	7.38 kg (w/o HDD)	17.6 kg (w/o HDD)

* The latest product information / specification can be found at hanwha-security.com

* Design and specifications are subject to change without notice.

* Wisenet is the proprietary brand of **Hanwha Techwin**, formerly known as Samsung Techwin.