

PRN-4011

64CH H.265 Network Video Recorder

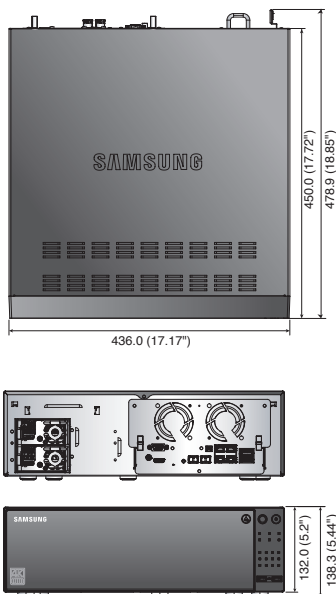


Key Features

- Up to 64CH, Max.12-megapixel camera resolution
- 400Mbps network camera recording
- Support 4K video out on HDMI monitor
- Support dual monitor video out
- H.265, H.264, MJPEG compression
- WiseStream support
- Max. 12 internal HDDs (96TB)
- Support RAID 5
- ARB&Failover(N+1) support

Dimensions

Unit : mm (inch)



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DISPLAY		
Network Camera	Inputs	Max. 64CH
	Resolution	CIF ~ 12MP
Live	Protocols	Wisenet, ONVIF, RTSP
	Local Display	1x HDMI, 1x VGA Dual Monitor
	Multi-Channel Display	[Local monitor] 1 / 2V / 3V / 4 / 9 / 16 / 25 / 36 / 64/ Sequence, [Web] 1 / 4 / 9 / 16 / 25 / 36 / 64/Sequence
	Performance	[Local monitor] 12M (30fps), 8.3M(120fps), 1080p(480fps), 720P(960fps), D1(1920fps)
PERFORMANCE		
Operating System	Embedded	Linux
Record	Compression	H.265, H.264, MJPEG, WiseStream (H.265, H.264)
	Recording Bandwidth	Max. 400Mbps (RAID-5/6)
	Resolution	CIF ~ 12MP
	Type	Normal, Schedule (Continuous / Event), Event (Pre / Post)
Search & Play	Event Trigger	Alarm input, Video loss, Camera event(Sensor, MD, Video analytics, Defocus)
	Event Action	E-mail, PTZ preset, Alarm out, Buzzer, Monitor out
	Playback Bandwidth	Max.32Mbps (16CH simultaneously)
	User	Max. 4 users (Local 1, Remote 3)
Storage	Mode	Date & Time(Calendar)/Event log list / Text search / Smart search
	Simultaneous playback	Max. 16CH (Local Monitor, CMS)
	Resolution	CIF ~ 12MP
	Fisheye Dewarping	WEB / CMS
Backup	Playback Control	Fast/Slow Forward/Backward, Move one step up/down
	Built-in	0TB ~ 8TB
	Internal HDD	12 (Max 96TB, Non-RAID Mode)
Sensor	External	iSCSI storage(Max. 192TB), Promise VessRaid R2600
	RAID	RAID-5/6(Array Size : 6-HDD x 2 Array)
Audio	File backup	BU/Exe (GUI), JPG/AVI (Network)
	Function	Multi channel (Up to 16CH) Play, Date-time/title display
Network	Input	4/4 (NO/NC selectable)
	Compression	G.711, G.726, AAC (16/48KHz)
Interface	Audio Communication	2-way
	Protocol	RJ-45(Gigabit ethernet) x4, Fiber SFP Slots (SFP not included) x2
DDNS	TCP/IP, UDP/IP, RTP (UDP), RTP (TCP), RTSP, NTP, HTTP, DHCP (Server, Client), PPPoE, SMTP, ICMP, IGMP, ARP, DNS, DDNS, uPnP, HTTPS, SNMP, ONVIF (Profile-S), SUNAPI (Server, Client)	
	Transmission Bandwidth	Hanwha DDNS, 3rd party DDNS
OS	Max. Remote Users	Max. 400Mbps
	IP Version	Search (3), Live unicast (10), Multicast (20)
Language	Security	IPv4/v6
	Web Browser	IP address filtering, User access Log, 802.1x, Encryption, 2Men-rule
FUNCTIONS	Viewer	English, French, German, Italian, Spanish, Russian, Turkish, Polish, Dutch, Swedish, Czech, Portuguese, Danish, Rumanian, Serbian, Croatian, Hungarian, Greek, Norwegian, Finnish, Korean, Chinese, Japanese, Thai
	Software	Window 7, 8, 10, Mac OS X (10.8 or above)
Camera Setup	Register	MSIE, Google Chrome, Mac Safari, Firefox
	Setup Items	Wisenet WAVE, SSM, Webviewer, SmartViewer, Wisenet Mobile viewer
PTZ	Control	Support SDK/CGI(SUNAPI) for integration to 3rd party VMS
	Preset	Auto, Manual
Smart Phone	PoE Power Control	IP address, Add profile edit, Bitrate, Compression, GOP, Quality, Camera MD setup, Camera video setup (Simple focus, Brightness/Contrast, Flip/Mirror, IRIS, WDR, D&N, SSNR, Shutter, SSSD, DIS), Fisheye dewarping mode, Halfway View Setup, Camera webpage
	Support Model	N/A
Redundancy	Control	Via GUI, Webviewer, SPC-2000
	Max. Remote Users	255 Presets
System Control	Protocol Support	iOS, Android
	Control	RTSP, RTSP, HTTP, CGI (SUNAPI)
INDICATOR / INTERFACE	Control	Live (16CH) : Multi-profile support, Playback
	Max. Remote Users	Search (3) / Live Unicast (10)
Front	Failover	N + 1
	Switch	Yes
Connectors	Alarm	Mouse, Web, Controller (SPC-2000)
	VGA	LED(Status indicator) : HDD Action 12, RAID Status 1, Alarm 1, Power 1, Record 1, Backup 1, Network 1
ELECTRICAL	HDMI	N/A
	Audio	1ea (Supports live screen up to 32 division mode, playback, setup)
ENVIRONMENTAL	Ethernet	1ea (Support Live / Playback / Setup)
	Power	- Support up to 4K (3840 x 2160, Single monitor mode 64 division)
MECHANICAL	Power Consumption	Out 1ea (RCA, Line)
	Color / Material	RJ-45 4ea (LAN/WAN, 1Gbps), 1Gbps SFP 2ea
PERFORMANCE	Storage	In 4ea, (Terminal block), Alarm reset 1ea
	Weight	Out 4ea (Terminal block) - Relay out1 (NO/NC/COM) - Relay out2~4 (NO/COM)
SYSTEM	USB	2ea (Front 2)
	Log	2ea AC Inlet
ENVIRONMENTAL	Log List	RS-232C (UPS Support)(※ 1)
	Operating Temperature / Humidity	Switch(1EA)
ELECTRICAL	Humidity	2ea AC Inlet
	Power	LED(Status indicator) : HDD Action 12, RAID Status 1, Alarm 1, Power 1, Record 1, Backup 1, Network 1
MECHANICAL	Power Consumption	N/A
	Color / Material	1ea (Supports live screen up to 32 division mode, playback, setup)
ENVIRONMENTAL	Dimension (WxHxD)	1ea (Support Live / Playback / Setup)
	Weight	- Support up to 4K (3840 x 2160, Single monitor mode 64 division)
ELECTRICAL	Power	Out 1ea (RCA, Line)
	Power Consumption	RJ-45 4ea (LAN/WAN, 1Gbps), 1Gbps SFP 2ea
MECHANICAL	Color / Material	In 4ea, (Terminal block), Alarm reset 1ea
	Dimension (WxHxD)	Out 4ea (Terminal block) - Relay out1 (NO/NC/COM) - Relay out2~4 (NO/COM)
ENVIRONMENTAL	Weight	2ea (Front 2)
	Power	2ea AC Inlet
ELECTRICAL	Power Consumption	RS-232C (UPS Support)(※ 1)
	Color / Material	Switch(1EA)
MECHANICAL	Dimension (WxHxD)	2ea AC Inlet
	Weight	2ea AC Inlet

* The latest product information / specification can be found at hanwhasecurity.com
 * Design and specifications are subject to change without notice.
 * Wisenet is the proprietary brand of Hanwha Techwin.