

PRN-4011

64CH H.265 Network Video Recorder

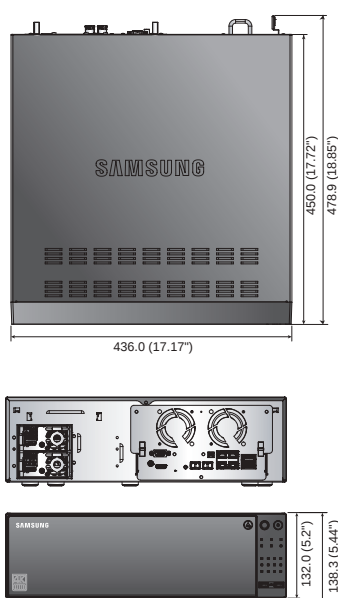


Key Features

- Up to 64CH, Max.12megapixel 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
	Protocols	Samsung, ONVIF
Live	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
	Compression	H.265, H.264, MJPEG, WiseStream (H.265, H.264)
	Recording Bandwidth	Max. 400Mbps (RAID-5/6)
Record	Resolution	CIF ~ 12MP
	Type	Normal, Schedule (Continuous / Event), Event (Pre / Post)
	Event Trigger	Alarm input, Video loss, Camera event(Sensor, MD, Video analytics, Defocus)
Event Action	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)
Search & Play	Mode	Date & Time(Calendar)/Event log list / Text search / Smart search
	Simultaneous playback	Max. 16CH (Local Monitor, CMS)
	Resolution	CIF ~ 12MP
Storage	Fisheye Dewarping	WEB / CMS
	Playback Control	Fast/Slow Forward/Backward, Move one step up/down
	Built-in	0TB ~ 8TB
Internal HDD	Internal HDD	12 (Max 96TB, Non-RAID Mode)
	External	iSCSI storage(Max. 192TB), Promise VessRaid R2600
	RAID	RAID-5/6(Array Size : 6-HDD x 2 Array)
Backup	File backup	BU/Exe (GUI), JPG/AVI (Network)
Sensor	Function	Multi channel (Up to 16CH) Play, Date-time/title display
Audio	I/O	4/4 (NO/NC selectable)
	Input	64CH (Network)
	Compression	G.711, G.726, AAC (16/48KHz)
Audio Communication	Audio Communication	2-way
NETWORK		
Interface	Interface	RJ-45(Gigabit ethernet) x4, SFP x2
	Protocol	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)
	DDNS	Hanwha DDNS
Transmission Bandwidth	Transmission Bandwidth	Max. 400Mbps
	Max. Remote Users	Search (3), Live unicast (10), Multicast (20)
	IP Version	IPv4/v6
Security	Security	IP address filtering, User access Log, 802.1x, Encryption, 2Men-rule
	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
	OS	Window 7, 8, 10, Mac OS X (10.8 or above)
Web Browser	Web Browser	MS IE, Google Chrome, Mac Safari, Firefox
	Viewer	SSM, Webviewer, SmartViewer, iPoLis mobile viewer
	Software	Support SDK/CGI(SUNAPI) for integration to 3'rd party VMS
FUNCTIONS		
Register	Register	Auto, Manual
	Setup Items	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, SSSDR, DIS), Fisheye dewarping mode, Hallway View Setup, Camera webpage
	PoE Power Control	N/A
PTZ	Control	Via GUI, Webviewer, SPC-2000
	Preset	255 Presets
	Support Model	I-Phone, Android
Smart Phone	Protocol Support	RTSP, RTSP, HTTP, CGI (SUNAPI)
	Control	Live (16CH) : Multi-profile support, Playback (1CH)
	Max. Remote Users	Search (3) / Live Unicast (10)
Redundancy	Failover	N+1
	ARB	Yes
	System Control	Mouse, Web, Controller (SPC-2000)
INDICATOR / INTERFACE		
Front	Indicator	LED(Status indicator) : HDD Action 12, RAID Status 1, Alarm 1, Power 1, Record 1, Backup 1, Network 1
	Switch	N/A
	VGA	Sub : 1ea (Support live screen up to 32 div. mode)
Connectors	HDMI	Main : 1ea (Both support Live / PB / Setup) - Support up to 4K (3840 x 2160, Single monitor mode 64 div)
	Audio	Out 1ea (RCA, Line)
	Ethernet	RJ-45 4ea (LAN/WAN, 1Gbps), 1000M SFP 2ea
Alarm	Alarm	In 4ea, (Terminal block), Alarm reset 1ea Out 4ea (Terminal block) - Relay out1 (NO/NC/COM) - Relay out2~4(NO/COM)
	USB	2ea (Front 2)
	Storage	iSCSI
Serial	Serial	RS-232C (UPS Support)(※ 1)
	Reset	Switch(1EA)
	Power Cord	2ea AC Inlet
SYSTEM		
Log	Log List	Max. 20,000 (System log, Event log each)
ENVIRONMENTAL		
Operating Temperature / Humidity		+0°C to +40°C(+32°F to +104°F)
Humidity		20% ~ 85% RH
ELECTRICAL		
Power		100 ~ 240 VAC ±10%; 50/60 Hz, 3~1.5A (Dual SMPS)
Power Consumption		Max. 250W (853 BTU with HDD 12ea)
MECHANICAL		
Color / Material		Black / Metal
Dimension (WxHxD)		436.0 x 132.0 x 450.0mm (17.17" x 5.2" x 17.72") (3U)
Weight		Approx. 11Kg (24.3 lb, HDD not included)

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