WISENET P

PRN-4011

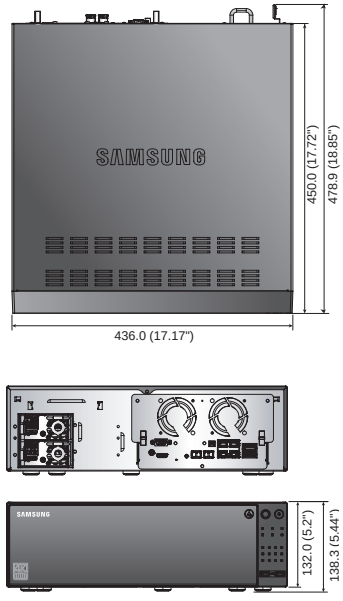
64CH H.265 Network Video Recorder

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)



		PRN-4011
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
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)
	Event Trigger	Alarm input, Video loss, Camera event(Sensor, MD, Video analytics, Defocus)
	Event Action	E-mail, PTZ preset, Alarm out, Buzzer, Monitor out
Search & Play	Playback Bandwidth	Max.32Mbps (16CH simultaneously)
	User	Max. 4 users (Local 1, Remote 3)
	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
	Playback Control	Fast/Slow Forward/Backward, Move one step up/down
Storage	Built-in	0TB ~ 8TB
	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)
	Function	Multi channel (Up to 16CH) Play, Date-time/title display
Sensor	I/O	4/4 (NO/NC selectable)
Audio	Input	64CH (Network)
	Compression	G.711, G.726, AAC (16/48KHz)
	Audio Communication	2-way
NETWORK		
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		Max. 400Mbps
Max. Remote Users		Search (3), Live unicast (10), Multicast (20)
IP Version		IPv4/v6
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		MS IE, Google Chrome, Mac Safari, Firefox
Viewer Software	Type	SSM, Webviewer, SmartViewer, iPoLis mobile viewer
	CMS Support	Support SDK/CGI(SUNAPI) for integration to 3'rd party VMS
FUNCTIONS		
Camera Setup	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, SSDR, DIS), Fisheye dewarping mode, Hallway View Setup, Camera webpage
	PoE Power Control	N/A
PTZ	Control	Via GUI, Webviewer, SPC-2000
	Preset	255 Presets
Smart Phone	Support Model	I-Phone, Android
	Protocol Support	RTP, 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
Connectors	VGA	Sub : 1ea (Support live screen up to 32 div. mode)
	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	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	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 lastest product information / specification can be found at hanwha-security.com

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SAMSUNG WISENET