

PRN-4011

64CH 12M H.265 NVR



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 5/6
- ARB&Failover(N+1) support
- Redundant hot swap power supply

Display

Network camera	Inputs	Max. 64CH
	Resolution	12MP ~ CIF
	Protocols	Wisenet, ONVIF
Decoding	Local Display	[Clone Display] HDMI: 3840 x 2160, 1920x1080, 1280x720 VGA: 1920x1080, 1280x720
	Resolution	12M (30fps), 8.3M(120fps), 1080p(480fps), 720P(960fps), D1(1920fps)

Performance

Record	Compression	H.265, H.264, MJPEG
	Recording Bandwidth	Max. 400Mbps
	Resolution	12MP ~ CIF
	Mode	Normal, Schedule(Continuous/Event), Event (Pre/Post)
	Event Trigger	Alarm Input, Video Loss, Camera Event(Alarm, 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)
	Simultaneous playback	Max. 16CH(Network) Max. 8CH(Local Monitor)
	Fisheye Dewarping	WEB / CMS
Storage	Supported HDD	Up to 8TB
	HDD Slot	12HDD
	External	iSCSI storage(Max. 192TB)
	RAID	RAID-5/6(Array Size : 6-HDD x 2 Array)
Backup	File backup	BU/Exe(GUI), JPG/AVI(Network)
	Function	Multi channel(Upto 8CH) Play, Date-Time/Title display

Network

Protocol		IPv4, IPv6, 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		Wisenet DDNS
Transmission Bandwidth		Max. 400Mbps
Audio	Input/Output	64 CH(network)
	Compression	G.711, G.726, AAC(16/48KHz)
	Audio Communication	2-Way
Max Remote Users		Search(3), Live Unicast(10), Multicast(20)
Security		IP address filtering, User access Log, 802.1x, Encryption
Web viewer	Supported OS	Windows 7, 8, 10, Mac OS X 10.9. 10.10. 10.11
	Supported browser	Plug-in free web viewer - Supported Browser: Google Chrome 47, MS Edge 20 Plug-in Webviewer - Supported MS Explore 11, Apple Safari 9 * Mac OS X only

Viewer Software		SSM, Webviewer, Smart Viewer, Wisenet mobile Support SDK/CGI(SUNAPI) for integration to 3'rd party VMS
Functions		
Camera Setup	Item	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
PTZ	Control	Via GUI, Webviewer, SPC-2000
Smart phone	Support Model	iOS, Android
	Protocol Support	RTP, RTSP, HTTP, CGI(SUNAPI)
	Control	Live(Multi-Profile Support), Playback
	Max. Remote Users	Search(3), Live Unicast(10)
Redundancy	Failover	N+1
	ARB	Yes
Interface		
HDMI		1EA
VGA		1EA
Audio		Out(1EA, RCA, Line)
Ethernet		RJ-45 4ea (LAN/WAN, 1Gbps), 1000M SFP 2ea
Alarm		In 4EA, Out 4EA
USB		2EA(Front)
Serial(Protocols)		RS-232C (UPS Support)(※1)
Power inlet		AC 2EA
System		
System Control		Mouse, IR remocon, Web, Controller
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
Environmental		
Operating Temperature		+0°C to +40°C(+32°F to +104°F)
Operating Humidity		20% ~ 85% RH
Electrical		
Power Input		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		11Kg

- 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.

