



ARD-1610

A series DVR



Key Features

- AHD/TVI/CVI 16ch, Up to 5MP Camera Input
- IP up to 5MP Input
- H.265, H.264, MJPEG
- 100Mbps IP camera recording
- 1RJ-45(WAN, 1Gbps)
- 2 SATA HDD(1 SATA up to 6TB)
- 4K HDMI Monitor output
- P2P service(QR code connect) support

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Specifications

画面表示

Analog camera	Inputs	16CH(1Vp-p 75ohm, BNC)
	Signal Type	AHD(5MP Half, 4MP Half, 1080p)
ネットワークカメラ	Inputs	Additional 2CH (Up to 18CH)
	解像度	5MP ~ CIF
	Protocols	SUNAPI(Wisenet), ONVIF
ライブ	モニタ出力	1x HDMI, 1x VGA
	Multi Screen Display	[Local monitor] - Dynamic layout, Virtual channel view - up to 20 division [Web] 1 / 2 / 3 / 4 / 6 / 1+5 / 1+7 / 9
	解像度	[Analog Camera(NTSC/PAL)]

機能

Operating System	Embedded	Linux
録画	圧縮	H.265, H.264, MJPEG
	Record Rate(Analog)	[Analog Camera(NTSC/PAL)]
	Recording Bandwidth	Max. 100Mbps
	解像度	5MP ~ CIF
	モード	Manual, Schedule (Continuous/Event), Event(Pre/Post), Dual Track
	イベントトリガー	Alarm Input , Network Camera : Camera Event (Sensor, MD, Video analytics), VA event (Tampering, Enter / Exit, Passing, Virtual- line, (Dis)Appear, Face Detection, Audio detection), Defocus camera event, Dynamic camera event
	イベントアクション	e-Mail, Event Push, PTZ Preset, Alarm Out, Buzzer, Monitor Out, FTP, SUNAPI Command, Shutdown
Search & Play	ユーザー	Max. 4 Users (Local 1, Remote 3)
	Simultaneous playback	18CH(Local Monitor),18Ch (CMS),
	Fisheye Dewarping	WEB/CMS
	モード	Date & Time (Calendar) / Event log list / Text search (POS), Back up, Motion, Smart search (Virtual Line w/ direction, Enter / Exit) * All Search Included Preview Function ARB search
	解像度	5MP ~ CIF
	Playback Control	Fast Forward/Backward (x2,x4,x8,x16,x32,x64, x128, x256)

機能

Storage	Supported HDD	Up to 6TB
	HDD Slot	SATA 2ea(Max 12TB)
バックアップ	File backup	BU, EXE(Include Player), AVI
	機能	Max. 18 CH play, Date-time/title display

機能

カメラ設定	登録	自動、手動
PTZ	制御	Via GUI, Webviewer, SSM, Wisenet Viewer, Wisenet Mobile Viewer, System Controller
	プリセット	300 Presets
Smart phone	Support Model	iOS, Android
	Protocol Support	RTP, RTSP, HTTP, CGI(SUNAPI)
	制御	Live(16ch): Multi-Profile Support
	Max, Remote Users	Search(3), Live Unicast(10)
Redundancy	ARB	サポート
Easy configuration		Install wizard support
Coaxial Control		CVBS(Pelco-C)/AHD/CVI/TVI

インターフェース

Front	インジケータ	LED(Status indicator) :
リセット		Switch(1EA)
HDMI		1 EA
VGA		1 EA
BNC		16CH In / 1CH Out(Spot Output)
音声		Out(1EA, RCA, Line)
Ethernet		RJ-45(10/100/1000BASE-T)
アラーム		In 4EA, Out 1EA
USB		3EA(Front/Rear USB2.0)
Serial(Protocols)		RS-485 (Samsung-T/Pelco-D/Pelco-p) * for PTZ
Power inlet		1EA DC Input Jack

システム

ログ	ログリスト	Max. 100,000 (System Log, Event Log each)
System Control		Mouse, Webviewer, System Controller(SPC-7000, SPC-6000, SPC-2000)
言語		English, French, German, Italian, Spanish, Russian, Turkish, Polish, Dutch, Czech, Portuguese, Danish, Rumanian, Serbian, Croatian, Hungarian, Greek, Norwegian, Finnish, Korean, Chinese, Japanese, Thai, Vietnamese

Environmental

動作温度	0°C to +40°C(+32°F to +104°F)
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Environmental

Operating Humidity	20% ~ 85% RH
認証	UL, CE, FCC, KC

電源

Power Input	DC12V
消費電力	Max. 40.8W (6TB HDD 2ea)

Mechanical

Color / Material	Black / Metal
Dimension	370.0 x 44.0 x 320.0 mm (14.57 x 1.73 x 12.6 inch)
重量	Approx. 2.4Kg (5.3 lb, without HDD)

ネットワーク

プロトコル		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. 100Mbps
音声	入力/出力	4 Lline in / 1 Line out
	圧縮	G.711 (N/W Camera G.711, 726)
	Audio Communication	2-Way
Max Remote Users		Search(3), Live Unicast(10), Multicast(20)
セキュリティ		IP address filtering,
Web Viewer	Supported OS	Windows 10, Mac OS 11 Big Sur and later
	Supported browser	Chrome, Edge , Safari
Viewer Software		SSM, Webviewer, Wisenet Viewer, Wisenet mobile