

## DR-2304P

- Total incoming throughput 140Mbps
- Up to 120ips Full HD real-time recording
- Supports H.265 / H.264 codec
- Supports UHD display
- Up to 120ips live display
- Easy to install, set-up and play with DirectIP cameras
- Built-in 4 channel PoE Switch
- Supports one click network configuration through FEN service
- Supports third-party cameras (Axis, Panasonic, ONVIF)

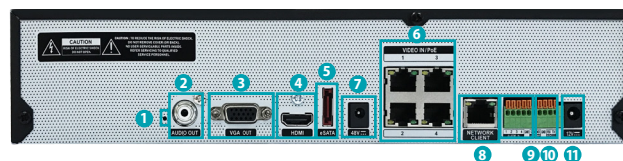
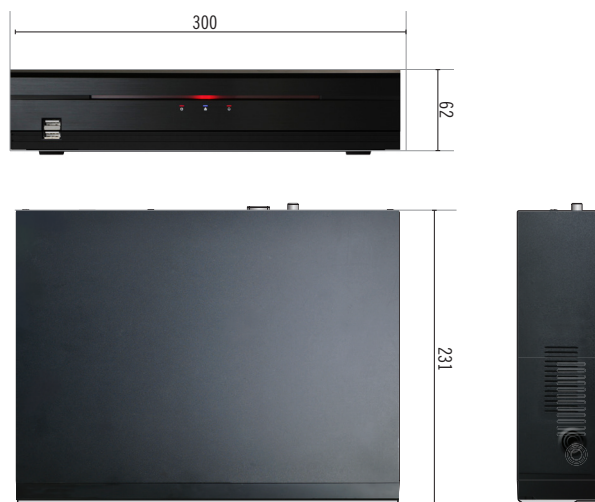


### SPECIFICATIONS

VIDEO	
<b>Video Inputs</b>	4 IP channels
<b>Max. Incoming Throughput</b>	160Mbps
<b>Supported Camera</b>	DirectIP, Axis, Panasonic, ONVIF
<b>Video Outputs</b>	1 HDMI, 1 VGA
<b>Display Resolution</b>	3840 x 2160, 1920 x 1200, 1920 x 1080, 1680 x 1050, 1600 x 1200
<b>Display Speed</b>	Up to 120ips
<b>Digital Zoom</b>	x2 ~ x12
RECORDING	
<b>Max. Throughput</b>	70Mbps, 120ips@UHD
<b>Recording Resolution</b>	Up to 12MP (Depending on IP Camera)
<b>Compression</b>	H.265, H.264
<b>Intelligent Codec</b>	Supported
<b>Recording Mode</b>	Time-lapse, Event, Pre-event, Panic
<b>Trigger Events</b>	Alarm In, Audio Detection, Motion detection, Trip Zone, Tampering, Video Loss, Text-in, ANPR, Etc.
PLAYBACK	
<b>Performance</b>	4ch 4K, Playback
<b>Search Modes</b>	Time-lapse, Event Log, Thumbnail, Motion, Text-in
<b>Digital Zoom</b>	x2 ~ x12
STORAGE	
<b>HDD</b>	SATA x2, eSATA x1, (Up to 8TB capacity for each disk)
<b>Total Capacity</b>	48TB = 8TB x (2 + 1 x 4)
NETWORK	
<b>Client Connection</b>	Gigabit Ethernet (Client) x 1
<b>Video In Connection</b>	Fast Ethernet (IP Camera) x 4
<b>Transmission Speed</b>	50Mbps / 100Mbps (BRP Mode)
<b>Camera Power</b>	PoE (IEEE 802.3at class 4) Supported 4 Ports, 30W
<b>Remote Data Export</b>	IDIS Player, AVI, JPG
<b>Event Notification</b>	Email (Attach Clip (.cbf) .MP4), Callback to Remote S/W, Push Notification (IDIS Mobile), SNS (Twitter)
<b>Two-way Audio</b>	Yes (NVR ↔ Camera, iRAS ↔ Camera)
<b>Client Viewer</b>	IDIS Center, IDIS Mobile, IDIS Web, IDIS Solution Suite
INTERFACE	
<b>Audio In / Out</b>	Local(NVR) : - / 1 RCA + 1 HDMI IP Camera : 4 / 4 (Depending on IP Camera)
<b>Alarm In / Out</b>	Local(NVR) : 4 / 1 IP Camera : 4 / 4 (Depending on IP Camera)
<b>Alarm Reset In</b>	-
<b>Serial Interface</b>	RS232 (Terminal Block)
<b>USB</b>	USB 2.0 x 1, USB 3.0 x 1
<b>User Interface</b>	Mouse, IR Remote Control, Network Remote Keyboard
GENERAL	
<b>Operating System</b>	Embedded Linux
<b>Unit Dimensions (W x H x D)</b>	300mm x 62mm x 231 mm (11.8" x 2.4" x 9.1")
<b>Unit Weight</b>	2.2kg (4.9lb) (with 1 HDD)
<b>Working Temperature</b>	0°C ~ 40°C (32°F ~ 104°F)
<b>Operating Humidity</b>	0% ~ 90%
<b>Power Input</b>	DC 12V 1.76A (for NVR), DC48V 0.65A (for PSE)
<b>Power Consumption</b>	Max. 21.12W (for NVR), Max. 31.2W (for PSE)
<b>Approvals</b>	FCC, CE, KC

### DIMENSIONS

(Unit - mm)



- |                        |                          |
|------------------------|--------------------------|
| 1 Factory Reset Button | 7 Power In Port (48V)    |
| 2 Audio Port           | 8 Network Port           |
| 3 VGA Out Port         | 9 Alarm Connection Ports |
| 4 HDMI Out Port        | 10 RS-232 Port           |
| 5 eSATA Port           | 11 Power In Port (12V)   |
| 6 Video In / PoE Ports |                          |

### ACCESSORIES (OPTIONAL)



DH-2212PF



DA-ES1104