

# SRA312-016



16 channels real-time Linux-based network video recorder, support up to 8MP decoding resolution, 4x 3.5" HDD Bay, H.265, pentaplex operations, plug and play, P2P, dual network interfaces, and remote management on various devices



## Why DivioTec?

DivioTec's aim is to transcend the capabilities of the human eye and deliver an entirely new field of view. Our integrative skills and our 20 years of industry experience are constantly driving new innovations.

Our simple, easy-to-use interfaces and our rock-solid security hardware are rapidly earning the respect and confidence of our clients.

We also make a point of listening carefully to our customers' needs, applying what we learn to develop outstanding new products and a culture of exceptional service.

At DivioTec, our experience is your protection.

- Linux-embedded highly reliable standalone NVR with 3-year warranty
- Plug-n-Play with integrated cameras, one click installation
- Support P2P, one-click for remote setup and monitoring
- Third-party network cameras supported
- Local configuration and display
- 4x 3.5" HDD bays (each disk up to 12TB)
- Up to 8 MP resolution recording
- Up to 16 channels real-time live display, recording, and playback
- H.265/H.264+ SDS™ (Smart Dynamic Streaming) Plus Technology: dual stream recording, 16 channels simultaneous playback without latency, reduces CPU usage and increases system stability
- Intelligent VA Functions: Alarm Detection, Motion Detection, Tampering Alarm, Object Counting, Intrusion Detection, Video Loss Detection
- HDMI and VGA dual-monitor display, HDMI support to 4K resolution
- Dual Gigabyte Ethernet ports (LAN/ WAN), isolated local network environment for IP cameras
- Easy export via USB or network
- RTSP supported
- Remote access through Web, CMS, mobile APP (Android & iOS)
- Free DDNS service, IP address is not required for remote access
- Free central management software (CMS Pro) up to 16 sites for multiple device management, upgradable to professional Expert Command Center System (ECCS100) up to 2000 channel management

## Specifications

System	
Operating System	Embedded Linux
Operations	Live, recording, playback, backup, remote access
Control Mode	USB mouse, webpage, CMS
Video/ Audio Input	
IP Camera Inputs	16 channels
Audio Mode	1 x RCA, 1 x RCA(Two ways Talk)
Audio Recording	Yes
Recording	
Video Compression	H.265+/H.265/H.264+/H.264
Recording Resolution	8MP/6MP/5MP/4MP/3MP/1080p/720p/VGA/4CIF/2CIF/CIF
Bandwidth	Input: 256Mbps; Output: 160Mbps
PTZ	Support PTZ type: RS485 PTZ/ Network PTZ; Pan/Tilt/ Zoom Travel; Iris control; Focus/Auto Focus; Presets 0~10; Presets Speed: Lowest/ Low/ Normal/ High/ Highest
Recording Mode	Normal+ Event/ Event Only, Normal: Continuous/ Schedule, Event: Motion/ Alarm/ Video loss
Pre Recording	0~5 seconds
Post Recording	0~610 seconds
Display	
Display Resolution	8MP/6MP/5MP/4MP/3MP/1080p/720p/VGA/4CIF/2CIF/CIF
Display Mode	Full Screen, PIP, 2x2, 3x3, 4x4
Decoding Capability	4-ch@8MP at 30fps or 16ch@2MP at 30fps
HDMI Output	4K(3840x2160)/30Hz, 2K(2560x1440/60Hz), 1920x1080/60Hz, 1600x1200/60Hz, 1440x900/60Hz, 1280x1024/60Hz, 1024x768/60Hz, 1280x720/60Hz
VGA Output	1920x1080/60Hz, 1600x1200/60Hz, 1440x900/60Hz, 1280x1024/60Hz, 1024x768/60Hz, 1280x720/60Hz
Frame Rate	5/8/10/13/15/20/25 fps/30fps
Bit Rate	512/ 1024/2048/ 3072/4096/5120/6144 Kbps
OSD	GUI
Remote View	iPhone, iPad, Android phones, Android tablet, IE Explorer, CMS (CMS Pro & ECCS100)
Image Setting	
Apply setting from camera	Yes/No
Image Adjustment	Brightness, Contrast, Saturation, Sharpness, Hue Adjust
Orientation	Mirror, Flip
Playback & Backup	
Playback Capability	16-channels simultaneous playback without latency
Playback Control	play, pause, stop, forward, rewind, fast forward, fast rewind
Search Control	by date, time, events, channel

## Specifications

Export	through USB, webpage, CMS
Storage	4x 3.5" HDD bays (each HDD up to 12TB)
<b>Event</b>	
Alarm I/O	16 x alarm-in, 4 x alarm-out
Event Trigger	Alarm Detection, Motion Detection, Tampering Alarm, Object Detection, Intrusion Detection, Video Loss Detection
Object& Intrusion Detection	(Line) Object Counting , Line Intrusion , Zone Object-Counting, Zone Intrusion
Alarm Detection	Disk Full, Disk Error, No Disk, Network Disconnect, Illegal Login, Disk Over Temperature, Fan Fall, Power Loss IP Conflict
Event Actions	Buzzer Spot on Main Monitor Notification via email SMTP, SSL, STARTTLS Send to Alarm Server File upload via FTP, Network Storage and email Alarm output port Push to Mobile
<b>Security</b>	
Watermark	Yes
User	Guest (Live, OSD, Zoom)/ Operator (all function except for configuration)/ Admin (all function) Management of user's camera access (limit user's access to any camera)
<b>Network</b>	
ONVIF	Yes; Profile S
Protocol	TCP/IP, SMTP, DHCP, HTTP, SNMP, STARTTLS, DDNS, DNS, PPPoE, UDP, UPnP, SSL, RTP, RTSP, NTP, IPv4/IPv6
Ethernet	Dual Gigabyte Ethernet 1 x 10/100/1000Mbps (WAN), 1 x 10/100/1000Mbps (LAN)
<b>Environment</b>	
Language	English, Thai, Chinese
I/O	3 x USB port , 1 x RS485 (Support Pelco D, Pelco P)
Power	DC 12V, 90W, Switching power supply, 100-240VAC
Dimension	420(W)x 65(H)x305(D) mm ± 5mm / 1.3"(W)x 0.2"(H)x 1.0"(D) ± 0.01"
Operating Temperature	0°C to 50°C / 32°F to 122°F

