



# SN-ADR3816E1

5MP 16CH 1HDD Hybrid DVR



## Key Features

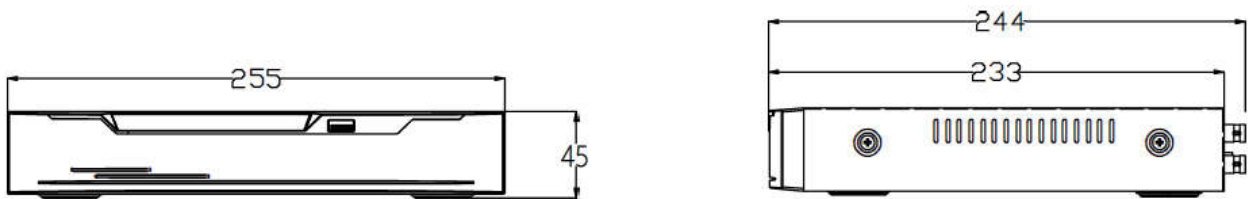
- Supports AHD, TVI, CVI, CVBS, IP video inputs
- Max. 24 channels IP camera inputs, each channel up to 1080P
- Encoding ability up to 4K-N @ 8 fps, 5MP @ 7 fps, 4MP @ 8 fps, 1080P @ 15 fps
- Support 1-ch CVBS output, 1-ch VGA output, 1-ch HDMI output at up to 4K(3840 x 2160)
- Support HDMI and VGA simultaneous output
- Smart search & playback
- Support multiple languages

## Specification

Video and Audio	
Analog Video Input	16-ch BNC interface, Supports coaxial control
AHD Input	8MP, 5MP, 4MP, 1080P, 720P
TVI Input	8MP, 5MP, 4MP, 1080P, 720P
CVI Input	8MP, 5MP, 4MP, 1080P, 720P
CVBS Input	PAL/NTSC
IP Video Input	8-ch (only IP up to 24-ch), each channel up to 1080P
HDMI Output	3840 × 2160, 1920 × 1080, 1280 × 1024, 1024 × 768
VGA Output	1920 × 1080, 1280 × 1024, 1024 × 768
CVBS Output	Support
Audio Input	2-ch, RCA
Audio Output	1-ch, RCA
Two-way Talk	-
Recording	
Encoding Resolution	4K-N, 5MP, 4MP, 1080P, 720P, 960H, D1, CIF
Frame Rate	4K-N @ 8fps, 5MP @ 7fps, 4MP @ 8fps, 1080P @ 15fps, 720P @ 30fps
Video Bit Rate	Main stream: 16 Kbps to 4096 Kbps, Sub stream: 16 Kbps to 1024 Kbps
Dual Stream	Support
Playback and Backup	
Recording Mode	Manual, Alarm, Motion detection, Timing
Recording Playback	16/9/4/1
Search Mode	Time /Date, Alarm, Picture grid, Event
Backup Mode	USB Device, Network
Network	
Protocols	HTTP, HTTPS, TCP/IP, IPv4, IPv6, UPnP, UDP, RTSP, SMTP, NTP, DNS, DHCP, P2P, IP Filter, DDNS, 802.1X, SNMP
Remote Users	4
Smart Phone	iPhone, iPad, Android
Interoperability	ONVIF, SDK, CGI

Auxiliary Interface	
Network Interface	1 RJ45 10M/100M self-adaptive Ethernet Interface
SATA	1 SATA interfaces, Up to 8TB capacity for each disk
Alarm In/Out	-/-
RS-485	1
USB Interface	3 ports (1 front USB 2.0 port, 2 rear USB 2.0 port)
General	
Power Supply	DC12V/2A
Power Consumption	Max 15W (without HDD)
Working Temperature	-10 °C to 50 °C (14 °F to 122 °F)
Working Humidity	Less than 90% RH
Dimensions (W×D×H)	255 × 244 × 45 mm (10.04 × 9.6 × 1.77 inch)
Net Weight	0.9 kg (1.98 lb)

## Dimensions (mm)



## Rear Panel

