



Intelligent Video Recorder

128CH 16HDD 8K IVA NVR



AV SERIES
Model: AVN-PN2816E

Key Features:

Up to 128ch IP cameras access

4x HDMI output:

Mode 1: 1x HDMI output (128ch preview+16ch playback)

Mode 2: 2x HDMI output (64ch+64ch preview+16ch playback)

Mode 3: 4x HDMI output (36ch+36ch+36ch+36ch preview+16ch playback)

Upto1-ch@8K or4-ch@12mp or 9-ch@8mp or 16ch@5MP or 25ch@3MP or 64-ch@D1decoding capacity

4 HDMI simultaneous video output, maximum resolution of HDMIis8K

16 SATA hard disk up to 16TB each

2x RJ45 1000M network interface

Smart analysis: human detection, line crossing, retrograde detection, absent detection, loitering detection, area intrusion, illegal vehicle parking.

Electronic amplification on preview and playback image

Support to add IP camera manually or automatically in LAN

Support channel group cruise

Smart cording search & playback, alarm capture picture search

Support USB disk and cloud upgrade, support to upgrade IP camera by USB disk

Raid 0, 1, 5, 6, 10

IPSAN, NAS, Hot-swap hard disk

Support to configure and maintain IP camera under slink protocol, such as setup up IPC specification, factory reset IP camera, enable or disable all network function of camera

Support email notification on alarm events

Support ANR function (need front IP camera support TF card storage)

Support broadcast function

Support 128ch preview in maximum on one screen



H265+



ONVIF



SLINK



IMS



APP



Modify Light Mode



Human Detect



Vehicle Detect



Retrograde



Absent Alarm

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VSENSE IVA NVR

Channel connection protocol	RTSP, SLINK (private protocol), ONVIF, I9						
Bandwidth Capacity	Incoming Bandwidth 800Mbops Outgoing Bandwidth 400Mbops						
HDMI Output	4 x HDMI, 7680x4320, 3840x2160, 1920x1080, 1280x1024, 1024x768						
Mobile APP	Support Android and IOS						
Display mode	1) Mode 1: 1 HDMI output (12MP/D1+128 CH Preview+16CH playback) 2) Mode 2: 2 HDMI output (12MP/D1+2 screens 64+64 CH Preview+16CH playback) 3) Mode 3: 4 HDMI output (8MP/D1+4 screens 36+36+36+36 CH Preview+16CH playback)						
Smart analysis	Human Detection, Area intrusion, loitering, line-crossing detection, illegal vehicle detection, absence detection, retrograde detection, Face detection & Recognition (optional)						
Video							
Single screen mode							
Split	1	2	6	8	9	10	16
Decode	12MP	2*4K	5MP+5*D1	3MP+7*D1	9*D1	1080P+9*D1	16*D1
	36	49	64	81	100	121	128
	36*D1	49*D1	64*D1	81*D1	100*D1	121*D1	128*D1
Dual screen mode							
Split	1	2	4	6	8	9	10
Decode	4K	2*2MP	4*2MP	5MP+5*D1	3MP+7*D1	9*D1	1080P+9*D1
	16	25	36	49	64		
	16*D1	25*D1	36*D1	49*D1	64*D1		
Four screens mode							
Split	1	2	4	6	8	9	10
Decode	4K	2*2MP	4*2MP	5MP+5*D1	3MP+7*D1	9*D1	2MP+9*D1
	16	25	36				
	16*D1	25*D1	36*D1				
Video compression	S265/H.265 /H.264						
Recording resolution	12MP/4K/1080P/720P/D1						
Audio compression	G.711A/U						
Recording and playback							
Recording method	manual, schedule, motion detection, timing, alarm, stop						
Playback	1 CH 12MP, 4CH 4K, 16CH D1						
Playback mode	Regular playback, event playback						

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Storage and backup	
Storage Port	16 SATA
HDD capacity	Max 16TB
Storage path	Local hard disk, Network HDD (IP SAN, NAS)
RAID	Raid 0, 1, 5, 6, 10
Backup method	USB portable HDD, Memory flash
External Port	
Audio Input	1 RCA Port
Audio Output	1 RCA Port
Series Port	1 RS485 port
USB port	3 USB 2.0
Network port	2 RJ 45 1000M Port
Network Function	HTTP, HTTPS, TCP/IP, IPv4, UPnP, UDP, RTSP, RTMP, NTP, DNS, DHCP, P2P, IP Filter, DDNS, 802.1X, SNMP, PPPoE
Alarm input	16 CH
Alarm output	8 CH
Remote Users	25
General	
Power	AC100-240V 450W
Working temperature & humidity	-10°C ~ 55°C/10% -90%
Size (mm)	431.5mm×521.2mm×133.2mm

IVA (Intelligent Video Analytics):



Area Intrusion

The users can setup specific areas, when somebody enter or leave these areas, it will trigger alarm on camera and linkage to do other actions.



Line-Crossing Detection

The users can setup warning line, when somebody cross this warning line, it will trigger alarm on camera and linkage to do other actions.



Loitering

The users can setup specific area, when somebody enter this area and stay this area more than specific time, then it will trigger alarm on camera.



Vehicle illegal parking

The users can setup one area which does not allow to park more than specific time, when the vehicle parking time is over the specific time, it will trigger alarm on camera and linkage to do actions.



Absent Alarm

The users can setup one area when somebody leaves this area more than specified time, IP camera will send alarm information



Retrograde

When IP camera detects the vehicle retrograde illegally, it will trigger alarm on camera and linkage to do other actions.