



## SPECIFICATION

<b>Model NO.</b>	<b>NVR2108DP1FE200</b>
<b>Package</b>	
NVR	1x NVR2108DP
Camera	8 x LIRDBAFE200
Cable	8x 20m CAT5e Cable
Mouse	1xUSB 2.0 Mouse
Hard Disk	No
Adaptor	DC52V/2.5A
Weight	12.8kgkg/SET
<b>Camera Model</b>	
<b>Camera Model</b>	<b>LBH30FE200</b>
Image Sensor	1/2.9" Full HD CMOS Sensor
Resolution	2MP 1080P
Effective Pixels	1920(H)*1080(V)
Compression	H.264/H.264+/H.265/H.265+/JPEG/AVI
TV System	PAL/NTSC
Electronic Shutter Time	Auto: PAL 1/25-1/10000Sec; NTSC 1/30-1/10000Sec
Minimum Illumination	0.01Lux
S/N Ratio	≥60dB
Scanning System	Progressive
Video Output	Network
Reset Button	Optional
<b>Lens</b>	
Focus Length	3.6mm
Focus Control	Fixed
Lens Type	Fixed
Pixels	2MP
<b>Night Vision</b>	
Infrared LED	14μ x 20PCS
Infrared Distance	25M
IR Status	Auto Control
IR Power On	Auto Control
<b>Network</b>	
Ethernet	RJ-45 (10/100Base-T)
Wireless	/
Protocol	TCP/IP,ICMP,HTTP,HTTPS,FTP,DHCP,DNS,DDNS,RTP,RTSP,RTCP,NTP,SMTP,UDP
ONVIF	Support ONVIF 2.4(Profile S/T/G)
P2P	YES
POE	Yes, Support IEEE 802.3af
Video Delay	0.3S (Within the Lan)
Main Stream 1	2304*1296@20fps
Main Stream 2	1920*1080@30fps
Main Stream 3	1280*720@30fps
Sub Stream 1	720*480@30fps
Sub Stream 2	352*288@30fps
Sub Stream 3	/
Tri Stream	/
IE Brower	IE8-11, Google Chrome, Firefox , Mac Safari
Smart Phone	iPhone, iPad, Android, Android Pad
<b>Camera Features</b>	
Day/Night	Color/ B&W (IR-CUT )
Image Config	Saturation/Brightness/Contrast /Sharpness, Mirror, White Balance, FLK(Flicker Control)
Starlight	/
Corridor Pattern	Support
Defog Mode	Support
ROI	/
BLC	YES
HDR	/
WDR	NO
Motion Detection	Support
Privacy Masking	3 Rectangular Zone
Recording Mode	NVR

Language	Chinese Simplified, Chinese Traditional, English, Bulgarian, Polish, Arabic, German, Russian, French, Korean, Portuguese, Japanese, Turkish, Spanish, Hebrew, Italian, Nederlands, Czech, Vietnamese
<b>Interface</b>	
Audio	Optional
Alarm	/
SD Card Slot	/
RS485	/
<b>General</b>	
Housing	Metal , IP67
Anti-cut Bracket	NO
IR Cut Filter	YES
Operation Temperature	-20℃ ~ +60℃ RH95% Max
Storage Temperature	-20℃ ~ +60℃ RH95% Max
Power Source	DC12V±10%, 950mA
Dimension	157(W) x 70(H) x 66(D)mm
Weight	650g
<b>Model</b>	<b>NVR2108DP</b>
<b>System</b>	
Main Processor	ARM Cortex A7 Processor
Operating System	Embedded LINUX
<b>Video</b>	
Input	16CH (3840×2160, 2592×1944, 2048×1536, 1920×1080, 1280×960, 1280×720, etc)
Output	1 VGA, 1 HD
<b>Audio</b>	
Input	1 Port RCA
Output	1 Port RCA(Linear, 1kΩ)
Audio Bit Rate	64kbps
Audio Compression standard	G711u, G711a, ADPCM_DVI4
<b>Alarm</b>	
Sensor Input	4
Output	1
Motion Detection	16 Channel, MD Zones: 396 (22 × 18)
Trigger Events	Recording, Email, FTP, Snapshot, Buzzer and Screen Tips, alarm output
<b>Display</b>	
HD Output	Resolution:4K (3840 × 2160)/30Hz, 1920 × 1080/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz
VGA	Resolution:1920 × 1080/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz
Display Split	16CHxD1/9CHxD1/8CHxD1/4CHxD1/1CHx1080P/1CHx3MP/1CHx4MP/1CHx5MP/1CHx4k
Digital Zoom	YES
OSD	Camera Title, Time, Recording, Motion Detection, Event Alarm
<b>Recording</b>	
Video Compression	H265/H264/H265+/H264+
Resolution	4k(3840×2160),5MP(2592×1944),4MP(2688×1520/2560×1440),3MP(2048×1536),1080P(1920×1080),960P(1280×960),720P(1280×720),D1 (720×576/720×480)
Record Rate	PAL :4k@10×25fp,5MP@14×25fp,4MP@16×25fp,3MP@16×25fp,1080P@16×25fp, 960P@16×25fp,720P@16×25fp, D1@16×25fp NTSC: 4k@10×30fp,5MP@14×30fp,4MP@16×30fp,3MP@16×30fp,1080P@16×30fp, 960P@16×30fp, 720P@16×30fp, D1@16×30fp
Record Mode	Manual\Timer\Motion Detection\ Alarm\Motion and Alarm\Smart Alarm
<b>Playback &amp; Backup</b>	
Local Sync Playback	1CH 4K@30fps, 1CH 5MP@30fps,2CH 4MP@30fps, 2CH 3M@30fps, 4CH 1080P@30fps, 4CH 960P@30fps, 4CH 720P@30fps
Decode Capability	4CH 1080P(1920x1080)@30fps
Remote Sync Playback	YES
Search Mode	ALL, Channel, Manual, Time, Date, Motion Detection,Event Alarm,Tag search
Playback Functions	Play, Pause, Stop, Rewind, Fast play, Slow Play, Full Screen, Frame Play ,Frame Rewind, Digital Zoom,tag,clip
Backup Mode	USB Device/Network
<b>Network</b>	
Interface	9 x RJ45 (10M/100M Adaptive Ethernet Interface)
Incoming Bandwidth	80MB
Network Functions	TCP/IP, HTTP, UPnP, DNS, NTP, SMTP, DHCP, FTP, DDNS, RTSP, RTCP, p2p,PPPOE
Onvif	Support onvif S,onvif T
Web Browser	IE8-11, Google Chrome, Firefox , Mac Safari
CMS Software	Support Windows 7/ Windows 8/Windows 10/MAC OS
Cloud Support(P2P)	Yes
Smart Phone	iPhone, iPad, Android, Android Pad
POE	8 x Independent 100Mbps POE Network Interfaces(Output PowerAT mode 30W, AF mode 15W per Interface), 45/78 line order, Total Power Output ≧ 100W, Support Plug and Play, Support network cable extended mode Max. 200M
WIFI	/
<b>Storage</b>	
Interface Type	1 SATA Hard Disk Interface (2.5"/3.5" SATA)
Capacity	Up to 8TB capacity
eSATA	/
<b>General</b>	
Language	Traditional Chinese, Simplified Chinese, English, Polish, Czech, Russian, Thai, Hebrew, Arabic, Bulgarian, German, French, Portuguese, Turcic, Spanish, Italian, Hungarian, Romanian, Korean, Dutch, Greek, Vietnamese,Japanese
USB Interface	2 USB 2.0 Interfaces
RS485	/
Power Supply	DC 52V/2500mA ≤10W (Without Hard Disk and POE)
Working Environment	-10~55℃/10~90%
Dimension(W×D×H)	260*215*43(mm)
Weight	2.0KG (without HDD)