



## SPECIFICATION

<b>Model NO.</b>	<b>NVR3016C1</b>
<b>System</b>	
Main Processor	ARM Cortex A7 Processor
Operating System	Embedded LINUX
<b>Video</b>	
Input	16CH(3840*2160,2592x1944, 2048x1536, 1920x1080, 1280x960, 1280x720, 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
Intercom	support (two-way)
<b>Alarm</b>	
Sensor Input	N/A
Output	N/A
Motion Detection	16 Channel, MD Zones: 396 (22 × 18)
Trigger Events	Recording, Email, FTP, Snapshot, Buzzer and Screen Tips
<b>Display</b>	
HD Output1	1024x768/60Hz, 1280x720/60Hz, 1280x1024/60Hz, 1920x1080/60Hz, 4K(3840x2160)/30Hz
HD Output2	N/A
VGA	Resolution:1920 × 1080/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz
Display Split	16CH/13CH/10CH/9CH/8CH/6CH/4CH/1CH
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@10CHx25fps,5MP@16CHx25fp,4MP@16CHx25fp,3MP@16CHx25fp,1080P@16CHx25fp, 960P@16CHx25fp,720P@16CHx25fp, D1@16CHx25fp NTSC: 4K@10CHx30fps,5MP@16CHx30fp,4MP@16CHx30fp,3MP@16CHx30fp,1080P@16CHx30fp, 960P@16CHx30fp, 720P@16CHx30fp, D1@16CHx30fp
Record Mode	Manual\Timer\Motion Detection\Smart Event
<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,16CH D1@30fps
Decode Capability	4CH 1080P(1920x1080)@30fps
Remote Sync Playback	YES
Search Mode	ALL, Timing Video, Motion Detection, Tag search,Smart Event,Pictrue,Log
Playback Functions	Play, pause, fast forward, rewind, previous frame, next frame, electronic zoom, clip, audio
Backup Mode	USB Device/Network
<b>Network</b>	
Interface	1xRJ45 10M/100M/1000M Adaptive Ethernet Interface
Incoming Bandwidth	100MB
Network Functions	IPv6/TCP/IP, HTTP,HTTPS, UPnP, DNS, NTP, SMTP, DHCP, FTP, DDNS, RTSP, RTCP, p2p,PPPOE
Onvif	onvif S,onvif T
Web Browser	Edge,IE8-11, Google Chrome , Firefox ,Safari
CMS Software	Support Windows 7/ Windows 8/Windows 10/MAC OS
Cloud Support	Yes
Smart Phone	iPhone, iPad, Android, Android Pad
POE	N/A
WIFI	N/A
<b>Storage</b>	
Interface Type	1 SATA Hard Disk Interface (3.5" SATA)
Capacity	Up to 8TB capacity
eSATA	N/A
<b>General</b>	
Language UI	Traditional Chinese, Simplified Chinese, English, Polish, Czech, Russian, Thai, Hebrew, Arabic, Bulgarian,German, French, Portuguese, Turkic, Spanish, Italian, Hungarian, Romanian, Korean, Dutch, Greek, Vietnamese,Japanese
USB Interface	2 USB 2.0 Interfaces
RS485	1port
Power consumption	DC12V 2A ≤20W (Without Hard Disk)
Working Environment	-10~55°C/10~90%
Dimension(W×D×H)	260*215*43(mm)
Weight	2kg(without HDD)