



Model No.: **ON-KTN3608CDP-8M**

4K H.265/H.265+ POE NVR Kits



SPECIFICATION

Package		
NVR	1x ON-N3608CDP	
Camera	4 x ON-ID200S-8M 4 x ON-IB200S-8M	
Cable	8x 20m CAT5e Cable	
Mouse	1xUSB 2.0 Mouse	
Hard Disk	No	
Adaptor	DC52V/2.5A	
Weight	12.8kg/SET	
Camera Model	ON-ID200S-8M	ON-IB200S-8M
Image Sensor	1/2.5" SONY Starvis Back-illuminated CMOS Sensor	
Resolution	8MP	
Effective Pixels	3864(H)*2218(V)	
Compression	H.264/H.264+/H.265/H.265+/JPEG/AVI /MJPEG	
TV System	PAL/NTSC	
Electronic Shutter Time	Auto: PAL 1/25-1/10000Sec; NTSC 1/25-1/10000Sec	
Minimum Illumination	0.01Lux	
S/N Ratio	≥52dB	

Scanning System	Progressive	
Video Output	Network	
Reset Button	Optional	
Lens		
Focus Length	3.6mm	
Focus Control	Fixed	
Lens Type	Fixed	
Pixels	8MP	
Night Vision		
Infrared LED	14 μ x 18PCS	42 μ x 4PCS
Infrared Distance	20M	40M
IR Status	Auto Control	
IR Power On	Auto Control	
Network		
Ethernet	RJ-45 (10/100Base-T)	
Wireless	/	
Protocol	TCP/IP,ICMP,HTTP,HTTPS,FTP,DHCP,DNS,DDNS,RTP,RTSP,RTCP,NTP,SMTP	
ONVIF	Support ONVIF 2.4	
P2P	YES, Support QR Code	
POE	Yes, Support IEEE 802.3af	
Video Delay	0.3S (Within the Lan)	
Main Stream 1	3840*2160 @20fps 3072*2048@30fps	
Main Stream 2	2592*1944@30fps 2560*1920@30fps	
Main Stream 3	2560*1440@30fps 1920*1080@30fps 1280*720@30fps	
Sub Stream 1	720*480@20fps 720*480@30fps	
Sub Stream 2	/	
Sub Stream 3	/	
Tri Stream	352*288@20fps 352*288@30fps	
IE Brower	IE8-11, Google Chrome (lower than Ver44), Firefox (lower than Ver53), Mac Safari(lower than version 12)	
Smart Phone	iPhone, iPad, Android, Android Pad	
Camera Features		

Day/Night	Color/ B&W (IR-CUT)	
Image Config	Saturation/Brightness/Contrast /Sharpness, Mirror, 3D NR , White Balance, FLK(Flicker Control)	
Starlight	/	
Corridor Pattern	Support	
Defog Mode	Support	
ROI	Support	
BLC	Support	
HDR	/	
WDR	DWDR: 50dB	
Motion Detection	Support	
Privacy Masking	3 Rectangular Zone	
Recording Mode	NVR/CMS/Web	
Language	Chinese Simplified, Chinese Traditional, English, Bulgarian, Polish, Farsi, German, Russian, French, Korean, Portuguese, Japanese, Turkish, Spanish, Hebrew, Italian,Nederlands,Czech, Vietnamese	
Interface		
Audio	Optional	
Alarm	/	
SD Card Slot	Optional, Support Max 512GB	
RS485	/	
General		
Housing	Metal , IP67	
Anti-cut Bracket	NO	YES
IR Cut Filter	YES	
Operation Temperature	-20℃ ~ +60℃ RH95% Max	
Storage Temperature	-20℃ ~ +60℃ RH95% Max	
Power Source	DC12V±10%, 750mA	DC12V±10%, 950mA
Dimension	φ93 x 74(H) mm	157(W) x 70(H) x 66(D)mm
Weight	400g	650g
Model	ON-N3608CDP	
System		
Main Processor	ARM Cortex A7 Processor	
Operating System	Embedded LINUX	
Video		

Input	16CH (4096×2160, 2592×1944, 2048×1536, 1920×1080, 1280×960, 1280×720, etc)
Output	1 VGA, 1 HD
Audio	
Input	1 Port RCA
Output	1 Port RCA(Linear, 1kΩ)
Audio Bit Rate	64kbps
Audio Compression standard	G711u, G711a, ADPCM_DVI4
Alarm	
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
Display	
HD Output1	Resolution:4K (3840 × 2160)/30Hz, 1920 × 1080/60Hz, 1280 × 1024/60Hz, 1280 × 720/60Hz, 1024 × 768/60Hz
HD Output2	/
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
Recording	
Video Compression	H265/H264/H265+/H264+
Resolution	4k(4096×2160),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\Smart Alarm
Playback & Backup	
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	1CH 4K(3840×2160)@30fps
Remote Sync Playback	YES
Search Mode	ALL, Channel, Manual, Time, Date, Motion Detection,Event Alarm
Playback Functions	Play, Pause, Stop, Rewind, Fast play, Slow Play, Full Screen, Frame Play ,Frame Rewind, Digital Zoom

Backup Mode	USB Device/Network
Network	
Interface	9 x RJ45 10M/100M Adaptive Ethernet Interface
Incoming Bandwidth	100MB
Network Functions	TCP/CP, HTTP, UPnP, DNS, NTP, SMTP, PPPoE, DHCP, FTP, DDNS, RTP, RTSP, RTCP, p2p
Onvif Version	Support Onvif 2.8
Web Browser	IE8-11, Google Chrome (lower than Ver44), Firefox (lower than Ver53)
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 \geq 100W, Support Plug and Play, Support network cable extended mode Max. 250M
WIFI	/
Storage	
Interface Type	1 SATA Hard Disk Interface (2.5"/3.5" SATA)
Capacity	Up to 8TB capacity
eSATA	/
General	
Language	Traditional Chinese, Simplified Chinese, English, Polish, Czech, Russian, Thai, Hebrew, Arabic, Bulgarian, German, French, Portuguese, Turkic, Spanish, Italian, Hungarian, Romanian, Korean, Dutch, Greek, Vietnamese
USB Interface	2 USB 2.0 Interfaces
RS485	/
Power Supply	DC 52V/2500mA \leq 10W (Without Hard Disk and POE)
Working Environment	-10-55°C /10-90%
Dimension(W×D×H)	260*215*43(mm)
Weight	2.0KG (without HDD)