# NE16P2P12-EP 16CH 4K NVR with 16P0E

This is a 16 channel IP Network Video Recorder (NVR) with 16 ports of standard PoE and 8 of those supporting ePoE. This unit is capable of recording resolutions as high as 12MP and still as low as 1MP. With ANR, it will trigger storage of video data to an IP camera's SD card when there is a network loss plus automatically download the video once the network connection is renewed. The NVR has IVS or Intelligent Video System capabilities that allow for triggers based on a wide range of Smart features including Tripwire, Intrusion Detection, Missing and Abandoned Object Detection, Face Detection and even



- · Smart H.265+/H.265/Smart H.264+/H.264/MJPEG
- · Max 320Mbps Incoming Bandwidth
- · Up to 12MP Resolution for Preview and Playback
- · HDMI/VGA simultaneous video output
- · 1-8 PoE Ports Support 800m ePoE & EoC

















#### **Features**

### Smart H.265+

People Counting capabilities.

**System Overview** 

Smart H.265+ technology is a collection of intelligent encoding algorithms based on H.265. To meet the characteristics of video surveillance, Smart H.265+ adopts some key video encoding techniques can be flexibly added/deleted or combined according to different applications and products. Smart H.265+ codec can effectively enhance video encoding efficiency according to the characteristics of different surveillance environments; furthermore, it can greatly reduce transmission bit rate, storage capacity to improve the overall system.

#### ePoE Technology

The ePoE technology adopts advanced 2D-PAM3 coding modulation from physical layer, and realizes full duplex transmission over 800 meters at the speed of 10Mbps, or 300 meters at the speed of 100Mbps via Cat 5 or coaxial cable media. It supports PoE and PoC power supply technology which has greatly simplified construction and wiring. ePoE technology offers a new way to accomplish long distance transmission between IP camera and network switch. It allows more flexible surveillance system design, improves reliability and saves construction and wiring cost.

#### **Smart Fan**

The NVR is equipped with a smart fan to achieve high cooling efficiency. It automatically adjusts fan speed according to CPU and ambient temperature. The fan is long-lasting and low noise, reducing maintenance costs and improving the user experience.

## **Fisheye Dewarping**

Fisheye dewarping solves the problem of distortion in the circular panoramic view. The NVR offers various dewarping modes for different installations and configurations that enhance the video, in both live or playback modes. Each dewarping mode offers options to adjust each scene.

#### **ANPR**

Automatic Number Plate Recognition available for convenient entrance/exit management. Support license plate recognition, black/white list import/export, add/delete B/W list number, search result from recorded video.

#### Point of Sale (POS)

Ideal for grocery and retail stores, the optional POS solution allows the NVR to receive a POS transaction via corresponding video. This feature allows merchants to analyze specific transactions via the Fuzzy search algorithm.

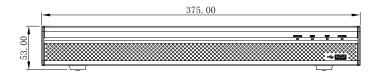
#### Automatic Network Replenishment (ANR) Technology

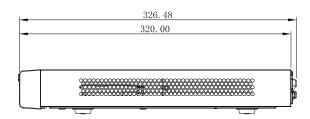
NVRs with the ANR function can automatically store video data on the IP camera storage card when the network is disconnected. After recovery of the network, the NVR automatically retrieves the video data stored on the camera.



Main Processor   Quad cure embedded processor	Technical Specification		Network	
Post	System		Interface	1 RJ-45 Ports (10/100/1000Mbps)
Auditio and Virideo  P Camera Input  16/12 Channel  Two-way Talk  1 Channel Input, 1 Channel Output, BCA  Display  Two-way Talk  1 NoM, 1 VGA  HMM: 8840 × 2160, 1900 × 1080, 1280 × 1004, 1004 put, BCA  Display  Make: User Access  120 users  Smart Phone  IPhone, Pad, Android  Interpretability  ONVIE 24. SDK, CGI  Storage  Resolution  Vid. 1901 × 1080, 1,280 × 1004, 1280 × 1004, 1280 × 1004, 1280 × 1004, 1280 × 1004, 1280 × 1004, 1280 × 1004, 1280 × 1004, 1280 × 1004, 1280 × 1004, 1280 × 1004, 1280 × 1004, 1280 × 1004  Resolution  Vid. 1901 × 1080, 1,280 × 1004, 1280 × 100	Main Processor	Quad-core embedded processor	PoE	
Audition and Video   FFEA Alems Server, IP Search (Support Dahua IP Camera Input   16/32 Channel   16/32 Cha	Operating System	Embedded LINUX		HTTP, HTTPS, TCP/IP, IPv4/IPv6, UPnP, SNMP, RT:
Mark User Access   128 users	Audio and Video		Network Function	· · · · · · · · · · · · · · · · · · ·
Smart Phone	IP Camera Input	16/32 Channel	Max. User Access	128 users
Interface	Two-way Talk	1 Channel Input, 1 Channel Output, RCA	Smart Phone	iPhone iPad Android
Hone 3480 x 2160 , 1920 x 1080 , 1280 x 1024, 1280 x 1024, 1280 x 720, 1024 x 768	Display			
Maintain	Interface	1 HDMI, 1 VGA	Interoperability	ONVIF 2.4, SDK, CGI
1280 + 1292 N 1280 + 1292 N 1280 + 1292 N 1280 + 1292 N 1280 N	Resolution		Storage	
becoding Capability 4-chg8MP[30fps], 15-chg1080P[30fps] Multi-screen Display 32CH: 1/18/8/16 32CH: 1/18/8/16/35/36 USB Camera title, Time, Camera lokk, Motion detection, Recording Recording Recording Recording Compression Smart H.265+/H.265/Smart H.264+/H.264/MiPEG Resolution 720p. Di efc. 12MP 8MP, 8MP, 8MP, 8MP, 8MP, 8MP, 18MP, 18MP		·	Internal HDD	2 SATA III Ports, Up to 10 TB capacity for each HI
Multi-screen Display  105H: 1/4/8/9/163/36  Camera title, Time, Camera lock, Motion detection, Recording  Recording  Recording  Resolution  Smart H.265+/H.265/Smart H.264+/H.264/MJPE6  Resolution  12MB SMR, 6MR, 5MR, 4MR, 3MR, 1080P, 1.3MR, 2000P, 1.3MR, 200P, 2.3MP, 200P, 2.3MP, 200P, 2.3MP, 200P, 2.3MP, 2.3M	Decoding Capability	4-ch@8MP(30fps), 16-ch@1080P(30fps)	eSATA	N/A
OSD Camer at tile, Time, Camera lock, Motion detection, Recording Recording Recording Resolution Smart H .265+/H.265/Smart H .264-/H.264/MIPEG Resolution Smart H .265+/H.265/Smart H .264-/H.264-/MIPEG Resolution Single, AC100V ~ 240V, 50 ~ 60 Hz Power Supply Single, AC100V ~ 240V, 50 ~ 60 Hz NNR: <15.2W (Without HDD) Poe: Max 25.5W for single port 130W total rated power, 80% control for protein Smart fan, automatically adjust running speed Environmental Operating Conditions -10°C ~ +55°C (+14°F ~ +131°F), 86 ~ 106kpa Environmental Operating Conditions -10°C ~ +55°C (+14°F ~ +131°F), 86 ~ 106kpa Storage Conditions -10°C ~ +55°C (+14°F ~ +131°F), 86 ~ 106kpa Storage Conditions -10°C ~ +55°C (+14°F ~ +131°F), 86 ~ 106kpa Storage Conditions -10°C ~ +55°C (+14°F ~ +131°F), 86 ~ 106kpa Environmental Operating Conditions -10°C ~ +55°C (+14°F ~ +131°F), 86 ~ 106kpa Storage Conditions -10°C ~ +55°C (+14°F ~ +131°F), 86 ~ 106kpa Environmental Operating Conditions -10°C ~ +55°C (+14°F ~ +131°F), 86 ~ 106kpa Environmental Operating Conditions -10°C ~ +55°C (+14°F ~ +131°F), 86 ~ 106kpa Environmental Operating Conditions -10°C ~ +55°C (+14°F ~ +131°F), 86 ~ 106kpa Environmental Operating Conditions -10°C ~ +55°C (+14°F ~ +131°F), 86 ~ 106kpa Environmental Operating Conditions -10°C ~ +55°C (+1	Multi ceroon Dienlau	16CH: 1/4/8/9/16	Auxiliary Interface	
Recording  Recording  Resolution  Smart H.265+/H.265/Smart H.264+/H.264/MJPEG  Resolution  12MP, 8MP, 6MP, 5MP, 4MP, 3MP, 1080P, 1.3MP, 21080P, 1.3MP, 2108P, 2108P	Width-screen display		USB	2 USB Ports (1 Rear USB 3.0 , 1 Front USB 2.0 )
Smart H.265+/H.265/Smart H.264+/H.264/MIPEG	OSD		RS232	1 Port, for PC Communication and Keyboard
Resolution 12MP, 8MP, 6MP, 5MP, 4MP, 3MP, 1080P, 1.3MP, 720P, D1 etc.  Bit Rate 16Kbps ~ 20Mbps Per Channel  Record Mode Manual, Schedule (Regular, MD (Motion Detection), Alarm, IVS), Stop Record Interval 1 ~ 12D min (default. 60 min), Pre-record: 1 ~ 30 sec, Post-record: 10 ~ 300 sec Video Detection and Alarm  Trigger Events Recording, PTZ, Tour, Alarm Out, Video Push, Email, Snapshot, Buzzer and Screen Tips Video Detection Motion Detection, MD Zones: 396 (22 × 18), Video Loss and Tampering  Video Detection Motion Detection, MD Zones: 396 (22 × 18), Video Loss and Tampering  Video Detection Motion Detection, MD Panus, Storage Conditions -20°C ~ +70°C (-41°C ~ +158°F), 0 ~ 90% RH  Construction  Dimensions 110, 375mm x 32.6.5mm x 53mm; (14.8° x 12.9° x 2.21°)  Net Weight 2.7kg (6.0 lb) (without HDD)  Certifications  Ce EN55032, EN55024, EN50130-4, EN60950-1  Pilay Pause, Stop, Rewind, Fast play, Slow Play, Next File, Previous File, Next Camera, Previous Camera, Full Screen, Backup Selection, Digital Zoom  Backup Mode USB Device/Network  Third-party Support  Arecont Vision, Airlive, AXIS, Canon, Dynacolor, IVC, LG, Panasonic, Pelco, PSIA, Samsung, Sanyo, Sony, Long Party Support  Power Consumption  NVR: <15.2W (Without HDD)  Poei: Max 25.5W for single port 130W total rated power, 80% control for protee Pain and Smart fan, automatically adjust running speed Environmental  Operating Conditions  -10°C ~ +55°C (+14°F ~ +131°F), 86 ~ 106kpa  Environmental  Operating Conditions  -10°C ~ +55°C (+14°F ~ +131°F), 86 ~ 106kpa  -10°C ~ +55°C (+14°F ~ +131°F), 86 ~ 106kpa  -10°C ~ +55°C (+14°F ~ +131°F), 86 ~ 106kpa  -10°C ~ +55°C (+14°F ~ +131°F), 86 ~ 106kpa  -10°C ~ +55°C (+14°F ~ +131°F), 86 ~ 106kpa  -10°C ~ +55°C (+14°F ~ +131°F), 86 ~ 106kpa  -10°C ~ +55°C (+14°F ~ +131°F), 86 ~ 106kpa  -10°C ~ +55°C (+14°F ~ +131°F), 86 ~ 106kpa  -10°C ~ +55°C (+14°F ~ +131°F), 86 ~ 106kpa  -10°C ~ +55°C (+14°F ~ +131°F), 86 ~ 106kpa  -10°C ~ +55°C (+14°F ~ +131°F), 86 ~ 106kpa  -10°C ~ +55°C (+14°F ~ +131°F), 86 ~ 106kpa  -10°C ~ +5	Recording		RS485	1 Port, for PTZ control
Power Consumption   Power Consumption   NVR: <15.2W (Without HDD)	Compression	Smart H.265+/H.265/Smart H.264+/H.264/MJPEG	Electrical	
Record Mode  Manual, Schedule (Regular, MD(Motion Detection), Alarm, IVS), Stop  Record Interval  1 ~ 120 min (default: 60 min), Pre-record: 1 ~ 30 sec, Post-record: 10 ~ 300 sec  Video Detection and Alarm  Trigger Events  Recording, PTZ, Tour, Alarm Out, Video Push, Email, Snapshot, Buzzer and Screen Tips  Woldeo Detection  Motion Detection, MD Zones: 396 (22 × 18), Video Loss and Tampering  Alarm Input  4 Channel  Playback and Backup  Sync Playback  1/4/9/16  Search Mode  Time /Date, Alarm, MD and Exact Search (accurate to second)  Play, Pause, Stop, Rewind, Fast play, Slow Play, Next Flie, Previous File, Next Camera, Full Screen, Backup Selection, Digital Zoom  Backup Mode  USB Device/Network  Third-party Support  Arecont Vision, Airlive, AXIS, Canon, Dynacolor, IVC, LG, Panasonic, Pelco, PSIA, Samsung, Sanyo, Sony, CThird-party Support  Power Consumption  Poe: Max 25.5W for single port 130W total rated power, 80% control for protein 130W total rated power, 80% control for	Resolution		Power Supply	Single, AC100V ~ 240V, 50 ~ 60 Hz
Manual, Schedule (Regular, MD(Motion Detection), Alarm, IVS), Stop Alarm, IVS), Stop Sec, Post-record: 10 ~ 300 sec  Video Detection and Alarm  Trigger Events  Recording, PTZ, Tour, Alarm Out, Video Push, Email, Snapshot, Buzzer and Screen Tips Video Detection  Motion Detection, MD Zones: 396 (22 × 18), Video Loss and Tampering  Alarm Input  4 Channel  Playback and Backup  Sync Playback  1/4/9/16  Search Mode  Time /Date, Alarm, MD and Exact Search (accurate to second)  Play, Pause, Stop, Rewind, Fast play, Slow Play, Next File, Previous File, Next Camera, Full Screen, Backup Selection, Digital Zoom  Backup Mode  USB Device/Network  Arecont Vision, Airlive, AXIS, Canon, Dynacolor, IVC, LG, Panasonic, Pelco, PSIA, Samsung, Sanyo, Sony, Third-party Support  Fan  Smart fan, automatically adjust running speed  Environmental  Operating Conditions  -10°C ~ +55°C (+14°F ~ +131°F), 86 ~ 106kpa  Storage Conditions  -10°C ~ +55°C (+14°F ~ +131°F), 86 ~ 106kpa  Storage Conditions  -10°C ~ +55°C (+14°F ~ +131°F), 86 ~ 106kpa  Storage Conditions  -10°C ~ +55°C (+14°F ~ +131°F), 86 ~ 106kpa  Storage Conditions  -10°C ~ +55°C (+14°F ~ +131°F), 86 ~ 106kpa  Storage Conditions  -10°C ~ +55°C (+14°F ~ +131°F), 86 ~ 106kpa  Storage Conditions  -10°C ~ +55°C (+14°F ~ +131°F), 86 ~ 106kpa  Storage Conditions  -10°C ~ +55°C (+14°F ~ +131°F), 86 ~ 106kpa  -10°C ~ +55°C (+14°F ~ +131°F), 86 ~ 106kpa  Storage Conditions  -10°C ~ +55°C (+14°F ~ +131°F), 86 ~ 106kpa  -10°C ~ +55°C (+14°F ~ +131°F), 86 ~ 106kpa  -10°C ~ +55°C (+14°F ~ +131°F), 86 ~ 106kpa  -10°C ~ +55°C (+14°F ~ +131°F), 86 ~ 106kpa  -10°C ~ +55°C (+14°F ~ +131°F), 86 ~ 106kpa  -10°C ~ +55°C (+14°F ~ +131°F), 86 ~ 106kpa  -10°C ~ +55°C (+14°F ~ +131°F), 86 ~ 106kpa  -10°C ~ +55°C (+14°F ~ +131°F), 86 ~ 106kpa  -10°C ~ +55°C (+14°F ~ +131°F), 86 ~ 106kpa  -10°C ~ +55°C (+14°F ~ +131°F), 86 ~ 106kpa  -10°C ~ +55°C (+14°F ~ +131°F), 86 ~ 106kpa  -10°C ~ +55°C (+14°F ~ +131°F), 86 ~ 106kpa  -10°C ~ +55°C (+14°F ~ +131°F), 86 ~ 106kpa  -10°C ~ +55°C (+14°F ~ +158°F), 0 ~ 90% R	Bit Rate	16Kbps ~ 20Mbps Per Channel	Dawar Canaumantian	NVR: <15.2W (Without HDD)
Video Detection and Alarm  Prigger Events  Recording, PTZ, Tour, Alarm Out, Video Push, Email, Snapshot, Buzzer and Screen Tips  Video Detection  Motion Detection, MD Zones: 396 (22 x 18), Video Loss and Tampering  Alarm input  4 Channel  Dimensions  1,4,375mm x 326.5mm x 53mm;  (14.8" x 12.9" x 2.1")  Net Weight  2.7kg (6.0 lb) (without HDD)  Playback and Backup  Search Mode  Time /Date, Alarm, MD and Exact Search (accurate to second)  Play, Pause, Stop, Rewind, Fast play, Slow Play, Next File, Previous File, Next Camera, Previous Camera, Full Screen, Backup Selection, Digital Zoom  Third-party Support  Arecont Vision, Airlive, AXIS, Canon, Dynacolor, JVC, LG, Panasonic, Pelco, PSIA, Samsung, Sanyo, Sony,  Third-party Support  Environmental  Operating Conditions  -10°C ~+55°C (+14°F ~ +131°F), 86 ~ 106kpa  Storage Conditions  -20°C ~+70°C (-4°F ~ +158°F), 0 ~ 90% RH  Construction  Dimensions  1,4,375mm x 326.5mm x 53mm;  (14.8" x 12.9" x 2.1")  Net Weight  2.7kg (6.0 lb) (without HDD)  Certifications  CE  ENS5032, ENS5024, ENS0130-4, EN60950-1  FCC  Part 15 Subpart B, ANSI C63.4-2014  UL  UL 60950-1	Record Mode		Power Consumption	PoE: Max 25.5W for single port 130W total rated power, 80% control for protec
Video Detection and Alarm  Recording, PTZ, Tour, Alarm Out, Video Push, Email, Snapshot, Buzzer and Screen Tips  Video Detection  Motion Detection, MD Zones: 396 (22 × 18), Video Loss and Tampering  Alarm input  4 Channel  Playback and Backup  Sync Playback  I'me /Date, Alarm, MD and Exact Search (accurate to second)  Play Pause, Stop, Rewind, Fast play, Slow Play, Next File, Previous File, Next Camera, Previous Camera, Full Screen, Backup Selection, Digital Zoom  Third-party Support  Arecont Vision, Airlive, AXIS, Canon, Dynacolor, IVC, LG, Panasonic, Pelco, PSIA, Samsung, Sanyo, Sony, Third-party Support  Environmental  Operating Conditions  -10°C ~ +55°C (+14°F ~ +131°F), 86 ~ 106kpa  -10°C ~ +55°C (+14°F ~ +131°F), 86 ~ 106kpa  -10°C ~ +55°C (+14°F ~ +131°F), 86 ~ 106kpa  -10°C ~ +55°C (+14°F ~ +131°F), 86 ~ 106kpa  -20°C ~ +70°C (-4°F ~ +158°F), 0 ~ 90% RH  Construction  Dimensions  1U, 375mm x 326.5mm x 53mm; (14.8° x 12.9° x 2.1°)  Net Weight  2.7kg (6.0 lb) (without HDD)  Certifications  CE  EN55032, EN55024, EN50130-4, EN60950-1  FCC  Part 15 Subpart B, ANSI C63.4-2014  UL  UL 60950-1	Record Interval		Fan	Smart fan, automatically adjust running speed
Recording, Pt2, Tour, Alarm Out, Video Push, Email, Snapshot, Buzzer and Screen Tips  Video Detection  Motion Detection, MD Zones: 396 (22 × 18), Video Loss and Tampering  Alarm input  4 Channel  Playback and Backup  Sync Playback  1/4/9/16  Search Mode  Time /Date, Alarm, MD and Exact Search (accurate to second)  Playback Function  Playback Function  Backup Mode  USB Device/Network  Arecont Vision, Airlive, AXIS, Canon, Dynacolor, JVC, LG, Panasonic, Pelco, PSIA, Samsung, Sanyo, Sonyo, University of the Company of the Compan			Environmental	
Storage Conditions  -20°C ~ +70°C (-4°F ~ +158°F), 0 ~ 90% RH  Motion Detection, MD Zones: 396 (22 × 18), Video Loss and Tampering  Alarm input  4 Channel  Dimensions  10, 375mm x 326.5mm x 53mm; (14.8" x 12.9" x 2.1")  Net Weight  2.7kg (6.0 lb) (without HDD)  Sync Playback and Backup  Sync Playback  Time /Date, Alarm, MD and Exact Search (accurate to second)  Playback Function  Flay, Pause, Stop, Rewind, Fast play, Slow Play, Next File, Previous File, Next Camera, Previous Camera, Full Screen, Backup Selection, Digital Zoom  Dimensions  10, 375mm x 326.5mm x 53mm; (14.8" x 12.9" x 2.1")  Net Weight  2.7kg (6.0 lb) (without HDD)  Certifications  CE  EN55032, EN55024, EN50130-4, EN60950-1  FCC  Part 15 Subpart B, ANSI C63.4-2014  UL  UL 60950-1  Third-party Support  Arecont Vision, Airlive, AXIS, Canon, Dynacolor, JVC, LG, Panasonic, Pelco, PSIA, Samsung, Sanyo, Sony, Canon, Dynacolor, JVC, LG, Panasonic, Pelco, PSIA, Samsung, Sanyo, Sony, Canon, Dynacolor, JVC, LG, Panasonic, Pelco, PSIA, Samsung, Sanyo, Sony, Canon, Dynacolor, JVC, LG, Panasonic, Pelco, PSIA, Samsung, Sanyo, Sony, Canon, Dynacolor, JVC, LG, Panasonic, Pelco, PSIA, Samsung, Sanyo, Sony, Canon, Dynacolor, JVC, LG, Panasonic, Pelco, PSIA, Samsung, Sanyo, Sony, Canon, Dynacolor, JVC, LG, Panasonic, Pelco, PSIA, Samsung, Sanyo, Sony, Canon, Dynacolor, JVC, LG, Panasonic, Pelco, PSIA, Samsung, Sanyo, Sony, Canon, Dynacolor, JVC, LG, Panasonic, Pelco, PSIA, Samsung, Sanyo, Sony, Canon, Dynacolor, JVC, LG, Panasonic, Pelco, PSIA, Samsung, Sanyo, Sony, Canon, Dynacolor, JVC, LG, Panasonic, Pelco, PSIA, Samsung, Sanyo, Sony, Canon, Dynacolor, JVC, LG, Panasonic, Pelco, PSIA, Samsung, Sanyo, Sony, Canon, Dynacolor, JVC, LG, Panasonic, Pelco, PSIA, Samsung, Sanyo, Sony, Canon, Dynacolor, JVC, LG, Panasonic, Pelco, PSIA, Samsung, Sanyo, Sony, Canon, Dynacolor, JVC, LG, Panasonic, Pelco, PSIA, Samsung, Sanyo, Sony, Canon, Dynacolor, JVC, LG, Panasonic, Pelco, PSIA, Samsung, Sanyo, Sony, Canon, Dynacolor, DYNACOLOR, PANACOLOR, PANACOLOR, PANACOLOR, PANACOLO			Operating Conditions	-10°C ~ +55°C (+14°F ~ +131°F), 86 ~ 106kpa
Loss and Tampering  Construction  Alarm input  4 Channel  Dimensions  1U, 375mm x 326.5mm x 53mm; (14.8" x 12.9" x 2.1")  Net Weight  2.7kg (6.0 lb) (without HDD)  Flayback and Backup  Sync Playback  1/4/9/16  Search Mode  Time /Date, Alarm, MD and Exact Search (accurate to second)  Play, Pause, Stop, Rewind, Fast play, Slow Play, Next File, Previous File, Next Camera, Previous Camera, Full Screen, Backup Selection, Digital Zoom  Backup Mode  USB Device/Network  Third-party Support  Arecont Vision, Airlive, AXIS, Canon, Dynacolor, JVC, LG, Panasonic, Pelco, PSIA, Samsung, Sanyo, Sony,  Third-party Support  Construction  Dimensions  1U, 375mm x 326.5mm x 53mm; (14.8" x 12.9" x 2.1")  Net Weight  2.7kg (6.0 lb) (without HDD)  Certifications  CE  EN55032, EN55024, EN50130-4, EN60950-1  FCC  Part 15 Subpart B, ANSI C63.4-2014  UL  UL 60950-1	mager Events		Storage Conditions	-20°C ~ +70°C (-4°F ~ +158°F), 0 ~ 90% RH
Dimensions  Dimens	Video Detection		Construction	
Playback and Backup  Sync Playback  1/4/9/16  Search Mode  Time /Date, Alarm, MD and Exact Search (accurate to second)  Play, Pause, Stop, Rewind, Fast play, Slow Play, Next File, Previous File, Next Camera, Full Screen, Backup Selection, Digital Zoom  Backup Mode  USB Device/Network  Net Weight  2.7kg (6.0 lb) (without HDD)  Certifications  CE  EN55032, EN55024, EN50130-4, EN60950-1  FCC  Part 15 Subpart B, ANSI C63.4-2014  UL  UL 60950-1  Third-party Support  Arecont Vision, Airlive, AXIS, Canon, Dynacolor, JVC, LG, Panasonic, Pelco, PSIA, Samsung, Sanyo, Sony,	Alarm input	4 Channel	Dimensions	
Sync Playback  1/4/9/16  Search Mode  Time /Date, Alarm, MD and Exact Search (accurate to second)  Play, Pause, Stop, Rewind, Fast play, Slow Play, Next File, Previous File, Next Camera, Full Screen, Backup Selection, Digital Zoom  Backup Mode  USB Device/Network  Arecont Vision, Airlive, AXIS, Canon, Dynacolor, JVC, LG, Panasonic, Pelco, PSIA, Samsung, Sanyo, Sony,  Gross Weight  4kg (8.8 lb) (without HDD)  Certifications  CE  EN55032, EN55024, EN50130-4, EN60950-1  FCC  Part 15 Subpart B, ANSI C63.4-2014  UL  UL 60950-1	Relay Output	2 Channel	Net Weight	2.7kg (6.0 lb) (without HDD)
Sync Playback  1/4/9/16  Search Mode  Time /Date, Alarm, MD and Exact Search (accurate to second)  Play, Pause, Stop, Rewind, Fast play, Slow Play, Next File, Previous File, Next Camera, Previous Camera, Full Screen, Backup Selection, Digital Zoom  Backup Mode  USB Device/Network  Third-party Support  Arecont Vision, Airlive, AXIS, Canon, Dynacolor, JVC, LG, Panasonic, Pelco, PSIA, Samsung, Sanyo, Sony,	Playback and Backup		Gross Weight	4kg (8.8 lb) (without HDD)
Search Mode  to second)  Play, Pause, Stop, Rewind, Fast play, Slow Play, Next File, Previous File, Next Camera, Previous Camera, Full Screen, Backup Selection, Digital Zoom  Backup Mode  USB Device/Network  Third-party Support  Arecont Vision, Airlive, AXIS, Canon, Dynacolor, JVC, LG, Panasonic, Pelco, PSIA, Samsung, Sanyo, Sony,	Sync Playback			The (o.o ib) (without 1155)
Play, Pause, Stop, Rewind, Fast play, Slow Play, Next File, Previous File, Next Camera, Previous Camera, Full Screen, Backup Selection, Digital Zoom  Backup Mode  USB Device/Network  Third-party Support  Arecont Vision, Airlive, AXIS, Canon, Dynacolor, JVC, LG, Panasonic, Pelco, PSIA, Samsung, Sanyo, Sony,	Search Mode			ENEE022 ENEF024 ENF0120 4 ENCO0F0 4
Backup Mode  USB Device/Network  Third-party Support  Arecont Vision, Airlive, AXIS, Canon, Dynacolor, JVC, LG, Panasonic, Pelco, PSIA, Samsung, Sanyo, Sony,	Playback Function	File, Previous File, Next Camera, Previous Camera,		
Arecont Vision, Airlive, AXIS, Canon, Dynacolor, JVC, Third-party Support LG, Panasonic, Pelco, PSIA, Samsung, Sanyo, Sony,	Backup Mode	USB Device/Network	UL	UL 60950-1
Third-party Support LG, Panasonic, Pelco, PSIA, Samsung, Sanyo, Sony,	Third-party Support			
	Third-party Support	LG, Panasonic, Pelco, PSIA, Samsung, Sanyo, Sony,		

# Dimensions (mm)





## **Rear Panel**



