DIGIMERGE | Right for Business

DN204P1V4

Full HD PoE IP Security Bundle

Includes: 4 Channel NVR, Real-time 120fps @ 1080p, 4 PoE Ports, 1 x 1TB HDD
Plus: 4x Mini Dome IP Camera, 2.1MP, 3.6mm lens, 1080p

Power Over Ethernet · **H.264** · **Mobile** · **PC/Mac Compatible** · **1080P Recording**

ONVIF

Syncro IP Network Solutions

See the full HD picture with the complete IP surveillance kit. The Full HD PoE IP Security Bundle from Digimerge offers a convenient all-in-one and simple-to-operate NVR + IP Camera solution with crystal-clear picture quality that rivals your HDTV. The system includes a 4 Channel Real-Time 1080P NVR plus four 2.1MP Mini Dome Cameras – combining to deliver an exceptional level of detail and clarity with smooth viewing at 30fps per channel at 1080p resolution. The compact NVR has 4 integrated PoE ports for easy camera connection that reduces setup time and cord clutter. The included 2.1MP HD Mini Dome IP Cameras are automatically discovered and display video with no configuration required.

Stay connected with an outstanding suite of mobile apps available for iPhone, iPad and Android in addition to PC and Mac. For managing multi-NVR applications, a powerful 64 Channel CMS is included.

Syncro IP Network Solutions

DN204P1V4

ONVIF

SyncroIP Network Solutions!

Easiest Connection PoE Switch Built-In

64 Channel CMS Included

✓ 🍎 iPhone ✓ 🍎 iPad ✓ 📱 ANDROID
✓ 🪟 Windows ✓ 🍎 Mac

C O N N E C T E D

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DIGIMERGE EASY NVR

4 x PoE

NVR Features

- ❖ Easy Connection and setup with 4 integrated Power over Ethernet (PoE) ports and auto-discovery of IP Cameras
- ❖ Full HD 1080P recording provides the most detailed picture and reliable identification with selectable area digital zoom
- ❖ Real-time recording: 120fps@1080p (4ch)
- ❖ Dual streaming (H.264) and dual core processing
- ❖ ONVIF 2.0 conformance
- ❖ 64 Channel CMS by Digimerge included
- ❖ Fully PC / Mac compatible

- ❖ Mobile apps: iPhone, iPad, Android
- ❖ Advanced mobile app features: remote playback, push notifications for motion/alarm, E-map, manual record/snapshot to device
- ❖ HDMI / VGA / BNC simultaneous video output
- ❖ Free DDNS service by Digimerge with secure and redundant servers
- ❖ Supports 2x SATA HDDs up to 3TB (6 TB total), 2x USB 2.0 ports
- ❖ eSata supports storage up to 4HDD (12TB)
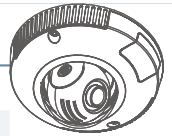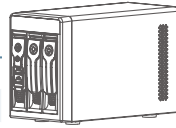- ❖ 5/3/1 Fortress Vision warranty

Mini Dome IP Camera Features

- ❖ 2.1 MP HD, Sony Exmor™ 1/2.5" CMOS Progressive Scan
- ❖ 1080p picture quality at real-time (30 fps)
- ❖ Triple-streaming (H.264/MJPEG)
- ❖ ONVIF 2.1 compliance (backwards compatible)
- ❖ Power-over-Ethernet (PoE) operation, 14Watt max/12V
- ❖ Backup options: microSD card, FTP, NAS, local

- ❖ Compact size 4" x 2"
- ❖ Simple 2 screw installation
- ❖ 3.6mm wide angle lens
- ❖ 30 ft (9m) IR Night Vision, True Day/Night (TDN)
- ❖ IP66 Weatherproof and IK7 Vandal Resistant
- ❖ 3 axis gimbal for versatile mounting

Includes:

Network Video Recorder **4 x Mini Dome IP Cameras** **1TB HDD** **USB Mouse** **Remote Control**

2 x Power Adapters **Ethernet Cable** **Quick Start Guides** **CD (Software & Manual)**

SyncroIP Network Solutions

Specifications

NVR System

Main Processor	Dual-core embedded processor
Operating System	Embedded LINUX
Pentaplex Operation	Simultaneous View, Record, Playback, Backup, and Remote Monitoring

Inputs/Outputs

IP Camera Input	4 channel
Power over Ethernet (PoE)	4 integrated PoE ports
Audio	1 channel input (RCA), 1 channel output (RCA)
PTZ	RS-485, supports Pelco-D and Pelco-P
USB	3 ports
Alarm Input	3 Channel
Relay Out	3 Channel

Display

Interface	1 HDMI, 1 VGA
Resolution	1920×1080, 1280×1024, 1280×720, 1024×768
Display Split	1/4
OSD	Camera title, Time, Camera Lock, Motion Detection, Recording Status

Recording

Compression	H.264
Resolution	1080P(1920×1080) / VGA (640x480)
Record Rate	120fps@1080p
Bit Rate	32Mbps
Record Mode	High Quality Stream/Sub-Stream Recording: Manual, Schedule, Motion Detection, Alarm
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, Video Push, Email, FTP, Buzzer & Screen tips
Video Detection	Motion Detection

Playback and Backup

Sync Playback	1/4
Playback Function	4 Channel
Backup Mode	USB Device / Network
Configuration Backup	To USB Device

Network

Ethernet	RJ-45 port (10/100M/1000M)
Network Function	HTTP, TCP/IP, IPv4/IPv6, UPNP, RTSP, UDP, SMTP, NTP, DHCP, DNS, IP Filter, PPPOE, DDNS, FTP, Alarm Server, IP Search
Max. User Access	20 simultaneous users
Smart Phone	iPhone, iPad, Android
IP Cameras Supported	FLIR, Digimerge, Panasonic, Sony, Dynacolor, Samsung, AXIS, Arecont, Bosch, Canon, Honeywell, Pelco, Panasonic, Vivotek

Storage

SATA ports	2 internal SATA ports (2HDDs) + external eSata (4HDD)
Maximum Storage Capacity	6TB (2 x 3TB) internal + 12TB (4 x 3TB) external using eSATA

Dimensions

Weight	2.3kg / 5.1lbs

Power

Power Supply	1x 12V DC 5A (for NVR); 1x 48V DC 1A (for PoE)

IP Camera

Sensor/DSP:	2.1 MP, Sony Exmor™ 1/2.5" CMOS
Scanning System:	Progressive Scan
Day/Night:	True Day/Night with ICR Filter. High Powered IR LED.
Resolutions/frame rate:	1920x1080 Full HD 2.1MP @ 30fps
Min. Illumination:	Color: 0.1 lux@F1.2/0 Lux IR LED On
Lens:	3.6mm Fixed Mega Pixel
Field of View (H/V/D):	77°/54°/100.2°
IR LED:	1pc Super Flux LED 850nm
IR Distance:	30 feet/9 Meters
Video Output:	RJ45, Setup/Service BNC Video Out
Electronic Shutter:	Auto/User 1/5 - 1/50,0000
Audio Compression:	G711 A-Law, G711 U-Law, RAW_PCM

Video

Compression:	H-264 High Profile (Support Baseline Profile/ MJPEG)
Bit Rate (CBR/VBR):	Stream1 20Kbps - 8Mbps ; Stream2 10Kbps - 6Mbps ; Stream3 (MJPEG Fixed)
Quality Setting:	1 - 9 (9 Highest)
Multi- Streaming:	User setting of Stream 1/2 at supported Resolutions, Stream3 fixed MJPEG Stream
Brightness/Sharpness:	Each Variable 0~100
Gain Control:	Auto (with Max Setting)/Fixed 0~100dB
Orientation:	Horizontal Mirror/Vertical Flip/Both

Network

Ethernet:	1 Ethernet (10/100 Base-T) RJ-45 Connector
TCP/IP:	IPv4/IPv6 (DHCP/Fixed)
Compliance:	Onvif 2.1 (1.02 backward compatible)
RTSP Video:	Standard RFC2326, Support QuickTime/VLC Player. User security authentication (Enabled /Disabled)
Recording Simultaneous:	Local Micro SD Memory*, Remote FTP server, TCP/UDP CMS, RTSP connection (stream 1,2 or 3)
Network Protocols:	HTTP, TCP/IP, UDP/IP, RTSP, FTP, DHCP, NTP, PPoE.

Audio

Input/Output:	1 PC RCA Input/1 PC RCA Audio Output 1v Line Level
Audio Compression:	G711 A-Law, G711 U-Law, RAW_PCM

General

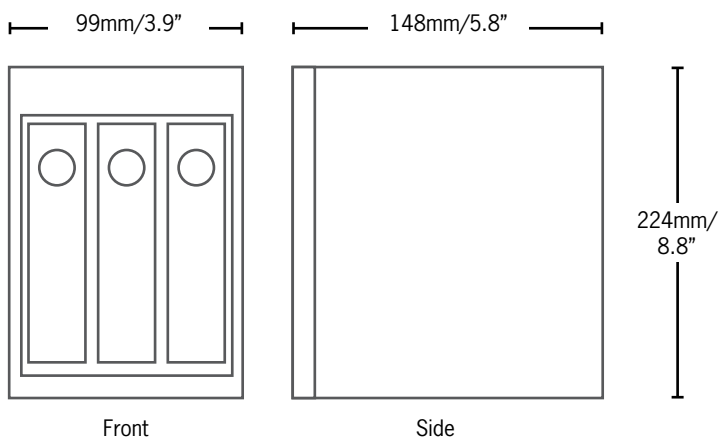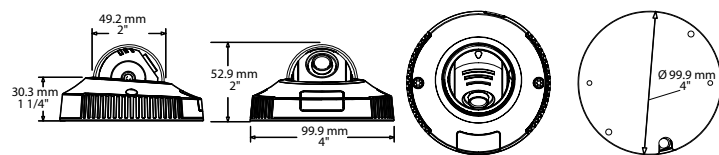|	
Power:	12v DC 450mA/5.4W
Power over Ethernet:	PoE Class 3, 14W max
Operating Temperature:	14°F to 122°F/-10°C to 50°C
Operating Humidity:	10% - 85% RH
Approvals	CE/FCC/RoHS Compliant/IP66/IK7
Product Dimensions	4 x 2"/99.9 x 52.9mm
Product Weight	0.66lb/0.3kg

*microSD card not included

SyncroIP
Network Solutions

Specifications

Package Dimensions

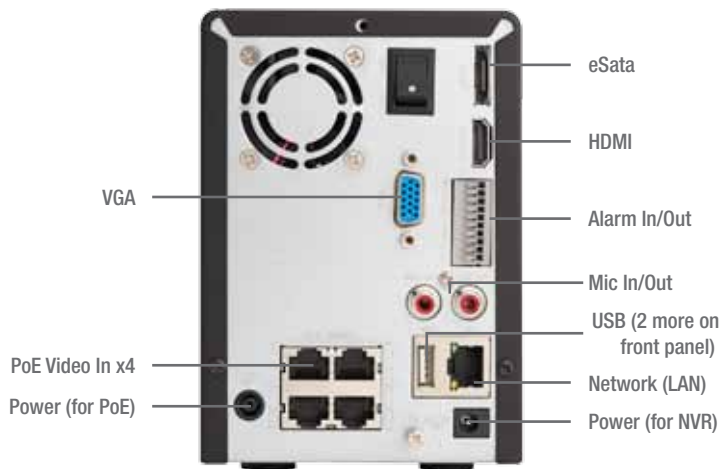|	
Weight:	14.75kg/32.5lbs
Package Dimensions:	396mm x 275mm x 297mm / 15.6" x 10.8" x 11.7" (W x H x D)
Cube:	0.0323 Cubic Metres / 1.14 Cubic Feet

NVR Dimensions

99mm/3.9"   148mm/5.8"

224mm/ 8.8"

Front   Side

IP Camera Dimensions

49.2 mm 2"

30.3 mm 1 1/4"

52.9 mm 2"

99.9 mm 4"

Ø 99.9 mm 4"

NVR Back Panel

- eSata
- HDMI
- VGA
- Alarm In/Out
- Mic In/Out
- USB (2 more on front panel)
- PoE Video In x4
- Network (LAN)
- Power (for PoE)
- Power (for NVR)

Camera Inputs/Outputs

Ethernet RJ45 (PoE)   Power - DC   Audio IN   Audio OUT

Product Information

UPC:	8-41430-00835-4
Includes:	NVR, Mini Dome IP Cameras (x4), 1 x 1TB HDD, USB mouse, remote control, power adapters (x2), ethernet cable, quick start guide, CD (software & manual)