ONVIF

National Popular NVR

Netween NVR

Network Video Recorder

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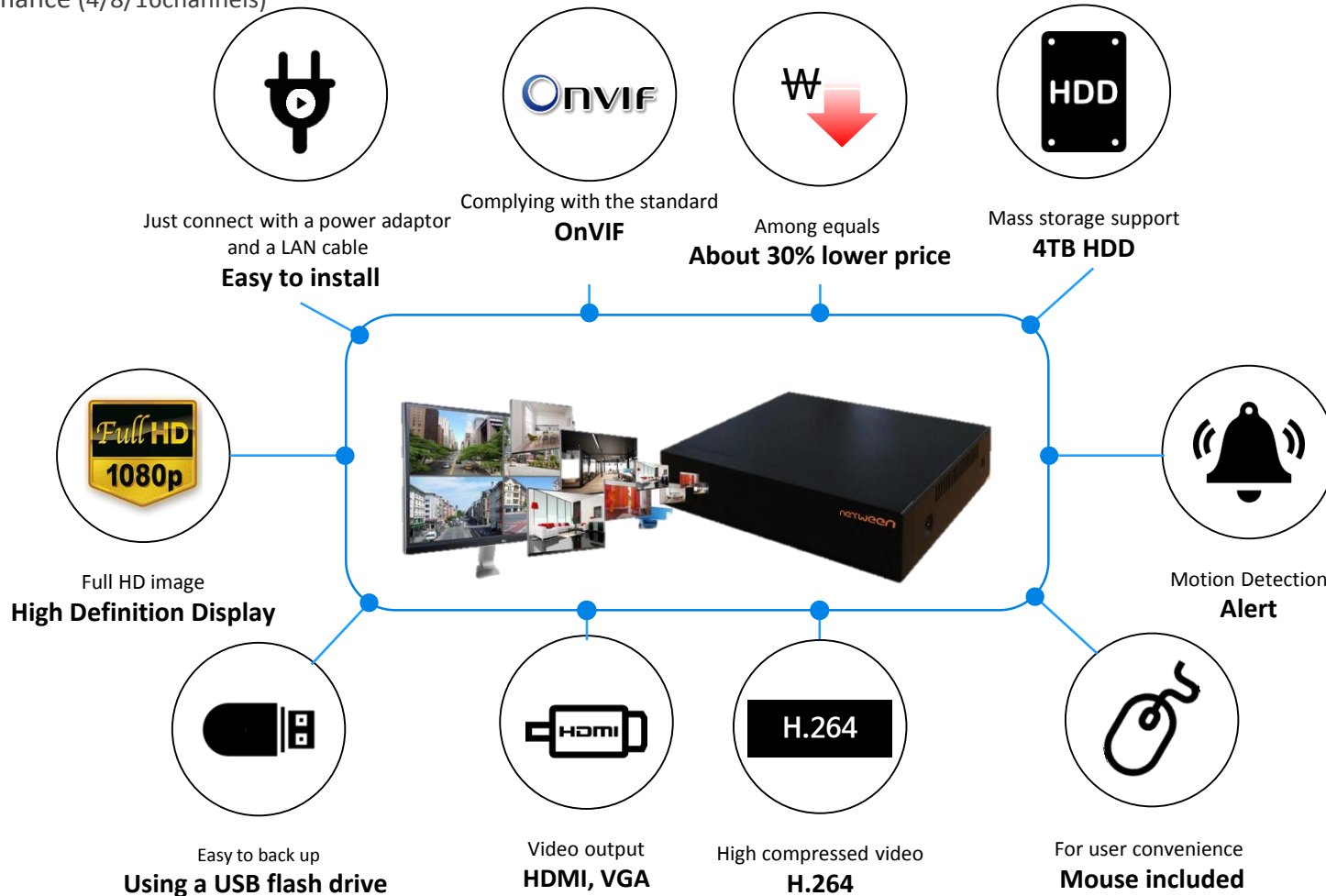
Contents

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01

The features of Netween NVR at a glance

The features of Netween NVR at a glance

Perfect match with CCTV, Netween NVR

Economical price,
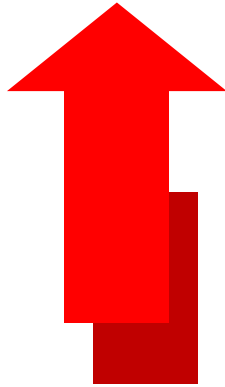Rational choice
The best performance (4/8/16channels)

Just connect with a power adaptor
and a LAN cable
Easy to install

Complying with the standard
OnVIF

Among equals
About 30% lower price

Mass storage support
4TB HDD

Full HD image
High Definition Display

Motion Detection
Alert

Easy to back up
Using a USB flash drive

Video output
HDMI, VGA

High compressed video
H.264

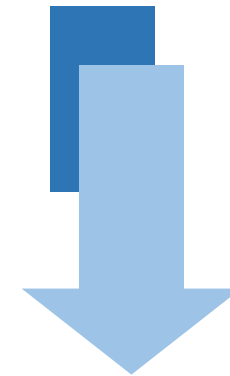For user convenience
Mouse included

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02

Why you should pay attention to Netween NVR?

Cost effective, Netween NVR

Performance

- OnVIF
- Expandable up to 4TB
- Monitoring 8 channels simultaneously
- Plug & play
- To save faster with H.264 video compression

- **30%** lower price in class

Price

The best performance and reasonable price – That's Netween's NVR

30% lower price in class, OnVIF available, expandable up to 4TB , comparable to Full HD monitor – fully equipped with performance that customer needs

Once purchased, there are no extra costs. No need to have a PC to save movies

Security videos; you can manage like a pro with reasonable costs

A way easy to install

Difficulty on connection between cameras and NVR

Even after the connection, configuration to use one by one

Done by plugging in

Plug & Play :

Installation is done by just plugging in

No needs of complicated settings

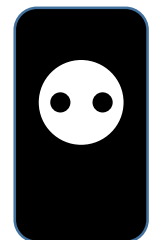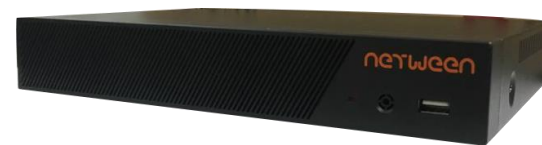Searching for camera

Adding cameras

Setting up cameras

Setting up hard disks

Setting up time for NVR and camera

Settings are automatically done when it's connected

HDD

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03 Functions of Netween NVR

4 Different recording time units

1hours

24hours

2hours

30mins

- 00:00:00
- 01:00:00
- 02:00:00
- 03:00:00
- 04:00:00
- 05:00:00
- 06:00:00
- 07:00:00
- 08:00:00
- 09:00:00

Start

17-03-13 01:00

Stop

17-03-13 01:00

Recording hourly or daily

Recording can be done every 24hrs, 2hrs, 1hr or 30 min

You can watch the video by selecting that time slot of the video

You can watch a specific section only without rewinding

Multi Channel monitoring

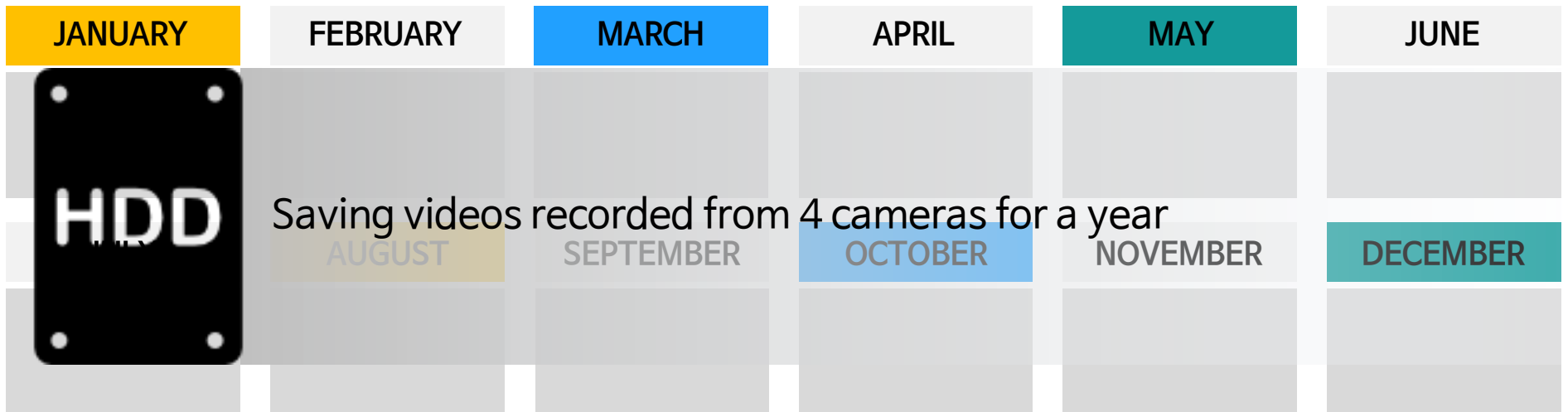## Simultaneously monitoring and recording 4, 8 or 16 channels

8 Different spots can be recorded at the same time with a default 8 ch NVR.

One NVR manages 8 cameras (up to 16 cameras)

Videos can be managed by 8 units without having multiple NVR

Long term recording with 4TB HDD

CALENDAR

JANUARY	FEBRUARY	MARCH	APRIL	MAY	JUNE

HDD

Saving videos recorded from 4 cameras for a year

AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER

Stable and efficient ways of long term recording functions

# of Camera	1TB HDD	2TB HDD	4TB HDD
1	400 days (12 months)	800 days (26 months)	1600 days (53 months)
2	200 days (6 months)	400 days (12 months)	800 days (26 months)
3	130 days (4 months)	265 days (8 months)	530 days (17 months)
4	100 days (3 months)	200 days (6 months)	400 days (12 moths)

* Based on average office use

HDMI applicable for a full HD monitor

NVR connectable to a full HD monitor

You can connect it to a high definition monitor

Netween NVR can be connected with a full HD monitor

You can watch full HD videos through HDMI

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04 NVR Product Group

NVR Product Group

# of Channels	Compression	Hard Disk	# of HDD	Output
4ch	H.264	4TB	1	HDMI, VGA
8ch	H.264	4TB	1	HDMI, VGA
16ch	H.264	4TB	1	HDMI, VGA

Up to 16 channels

You can upgrade 4 to 16 channels as many as you need

With 4TB of HDD and H.264 Video compression, you can monitor and record many areas at once

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05 | Examples of NVR use

NVR, Where to use?

Management Offices

Schools

warehouses

Buildings

Stores

Medical centers

Public institutions to private stores wherever CCTVs are, NVR needed

Equip NVR anywhere to monitor and record simultaneously if you need to manage multiple cameras
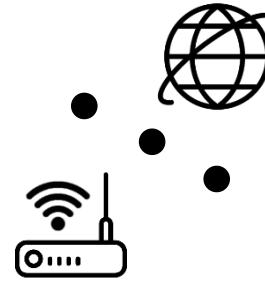
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06 | **Coupling with Netween CCTV**

Coupling NVR with Netween CCTV

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NVR

Remote Monitoring

Management offices

Buildings

Schools

Stores

Warehouses

Medical centers

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07 Specs and Package Contents

Specs

Product specs

System		
	IPC Channels	4/8/16 Channels
	OS	Embed KINUX
	Compatibility	Compatible to OnVIF 2.0 and 3rd party IP cameras
	Control mode	USB mouse, Keyboard, Network
Recording	Record	Manual, full time, schedule, motion, alarm
	Storage	An e_SATA port (4TB)
	Backup	USB HDD, e-SATA, HDD, Network
Remote Monitoring	IE browser	지원LAN관리, customer service and Remote IE
	Dual streaming	Setup per channel
	Motion detection	Selecting motion detection area, 6 layers of sensitivity
Audio	Audio coding	Standard G.711
	Audio talk	Bi-directional intercommunication
Network	Input/output	RJ45 Ethernet Port (1/10M)
	Video Compression	H.264
	Protocol	OnVIF2.0, il3, Http, TCP/IP, UPNP. RTSP, UDP, SMTP. NTP, DHCP, DNS, IP FILter, PPPOE, DDNS
	USB Port	USB 2.0 port x 2

Play		
	Channel monitoring	1/4/9 channel monitoring
	Resolution	720 / 960 – 4ch , 1080P -1ch
	Look-up	Time, calendar backup, event
	Zoom	Digital zoom up to 15 times
	Play-mode	Play, Pause, Stop, rewind, fas forward, slow, next, previous, full screen, repeat, backup
Video	IP video input	4 channels 1080p, 960p, 720p IP camera input
	Output	1HDTV HDMI, 1VGA
	Streaming	1080p(30ftps), 960p, 720p 30fps
	Frame rate	1080p(30ftps), 960p, 720p 1~30fps
General info	Power	12V / 2A
	Power consumption	(Excluding HDD) ≤ 10W
	Dimensions	88*88*32mm
	Weight	250g (excluding HDD)
	Waterproof	No
	Ports	RJ-45 10BASETX, VGA, HDMI, USB
	Usage	Indoor/outdoor
	Operating Temperature	-10℃~55℃ / Humidity : 20%~80%(non-condensable)

Package contents

Product package contents

NVR

Mouse

Installation Guide

Back of
the NVR

Thank You

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