

QNAP

SECURITY

Innovative NVR Solution

NVR Innovative Network Video Recorder
VioStor-Series



www.qnapsecurity.com

Why QNAP?

Reason 1

We are the “**ONLY**” manufacturer who really *develops and produces* **EVERYTHING!**
meaning...

- *You don't need to waste time waiting for your manufacturer to ask answers from “another manufacturer.”*
- *You can enjoy higher margins and the best product performance than others.*

| | Qnap | Brand A | Brand B |
|--------------------------|------|-----------------|-------------------|
| NVR Software | V | OEM from others | V |
| Hardware Design | V | V | OEM from others |
| Advance Storage Function | V | Basic Function | Basic Function |
| CMS Embedded Bundle | V | X | Additional Charge |

Why QNAP?

Reason 2

We are the “**ONLY**” manufacturer who offers the most complete solution for **ALL** vertical markets *meaning...*

- You can expand your business by entering different vertical markets anytime*

Low cost



Entry level/SMB



Enterprise



Turnkey Solution



QNAP
SECURITY

Why QNAP?

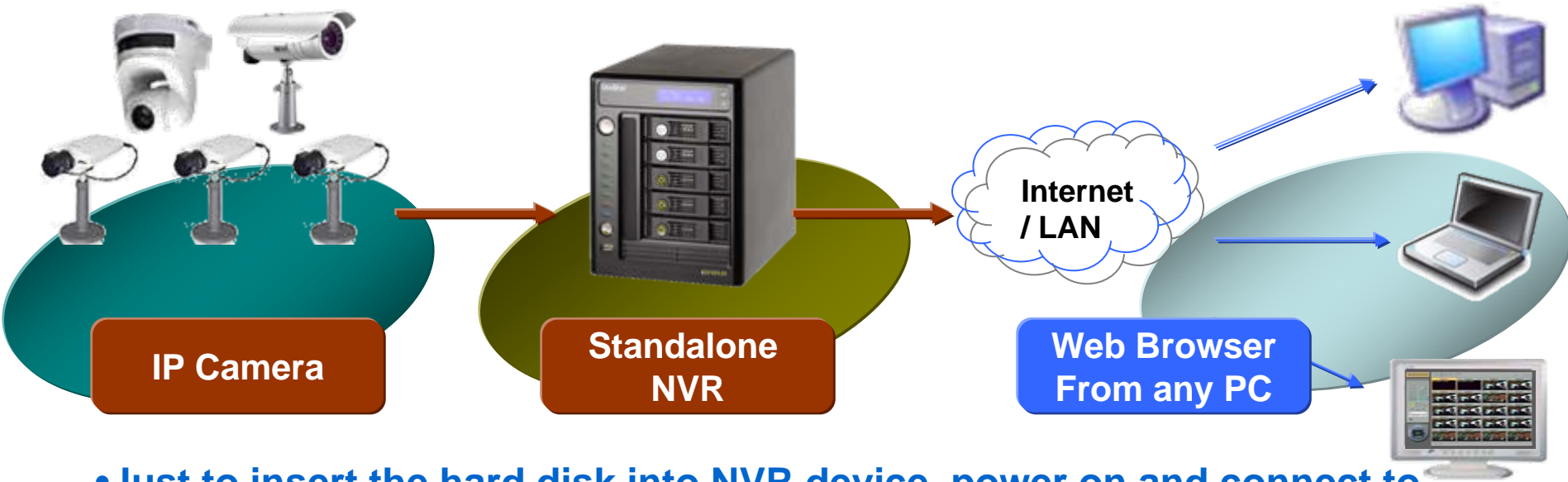
Reason 3

We are the “**ONLY**” manufacturer endorsed by global IP camera provider via biggest exhibition in Japan *meaning...*

- *You can feel confident to bring QNAP to the security market*
- *You already gain market attention before doing marketing*



What is Standalone NVR?



- Just to insert the hard disk into NVR device, power on and connect to switch, NVR installation done!!
- Just to use any PC or notebook, type the IP address of NVR , and follow simple 6 steps, NVR recording start!!
- No need extra CD installation for NVR set up
- Recording, storage all in one, web client preview from everywhere

What makes Standalone NVR different?

↓ IP Camera + PC-based solution



Innovative active storage technology



Why *NOT* PC-based NVR?

↓ IP Camera + PC-based solution



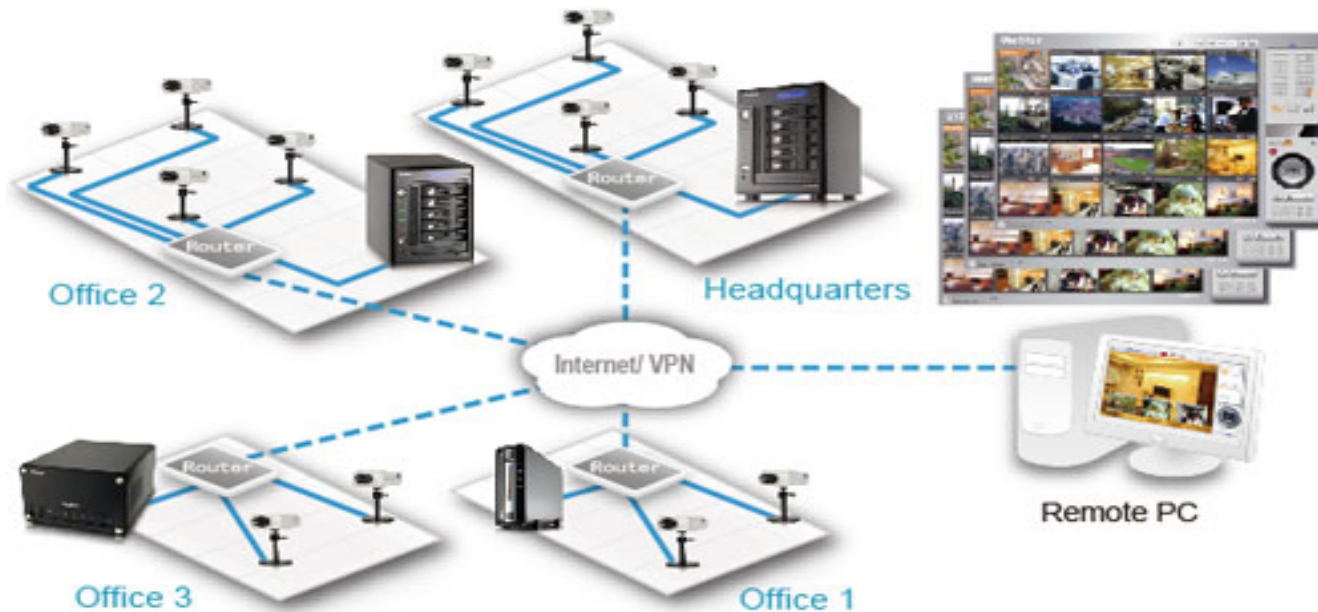
- Extra time needed for NVR software installation
- Software compatibility issues with PC
- Unstable PC performance
- Virus & hacker attack in Windows OS
- Professional knowledge for software set up
- Hard to identify the source of the problems
- High cost for future maintenance

Why *Standalone* NVR?

| | QNAP NVR | Traditional PC-based Solution |
|--|------------------------|--------------------------------------|
| OS | Linux Embedded | Windows |
| Stability | Highly stable | Hangs easily |
| Setup cost | Low | High (+ PC) |
| Ease of setup & operation | Easy, only 6 steps | Difficult (+Install software) |
| System temperature | Low | High |
| Maintenance (frequency) | Low (easy-to-maintain) | High |
| Noise level | Low | High |
| Power consumption | Low (energy-saving) | High |
| Auto power on when power resumes after power outage | Yes | No, manual reboot required |
| Virus attack | None | Sometimes |
| Trojan threaten | None | Sometimes |
| Problem analysis | Easy (by event logs) | Difficult |
| Total cost | Low | High |

Why QNAP *Standalone* NVR?

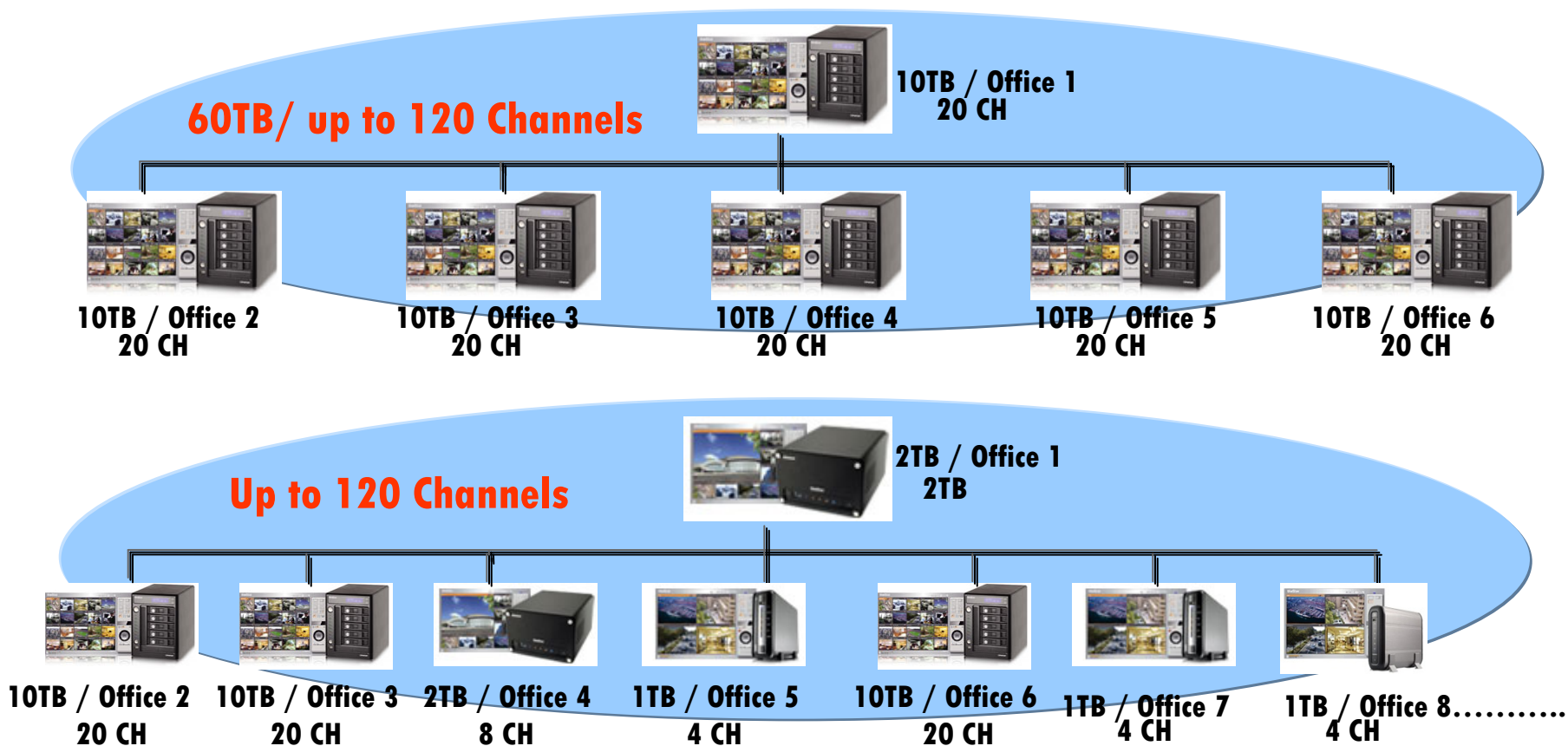
The world first CMS embedded for free!




- Real-time monitoring of maximum **120 channels** simultaneously from multiple QNAP NVR servers
- **No extra software is ever required!!**

Why QNAP *Standalone* NVR?


Flexible solution for multiple NVR recording and preview!



QNAP NVR helps you earn more!

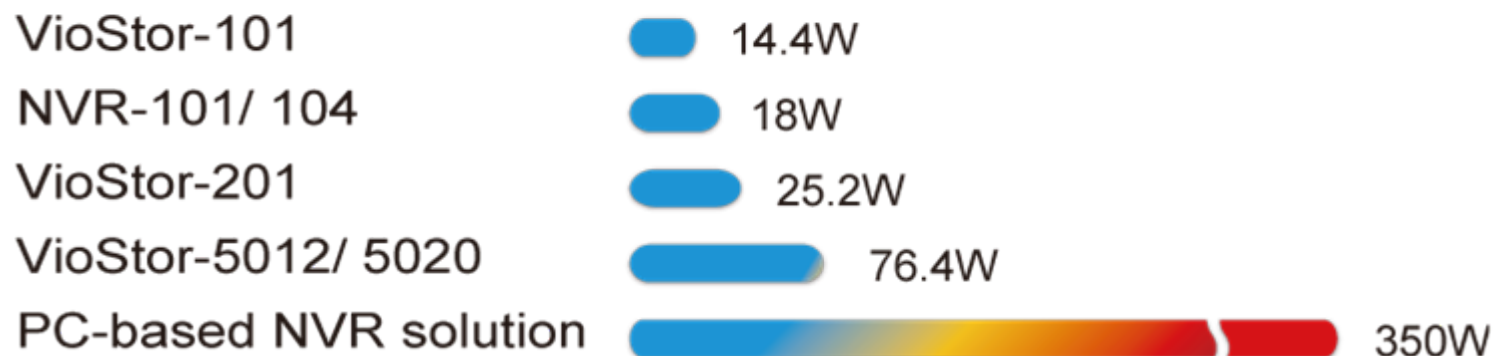
| PC-based Recording Solution | NVR VioStor-5020/5012 |
|--|---|
| <p>Windows PC server (with 2TB HDD) US\$1,600</p> | <p>Only NVR is enough!</p>  <p>2TB HDD +Linux S/W embedded +high-end RAID function +Hot Swap</p> |
| <p>Video recording S/W (at least 100~150 \$/Ch) US\$2,000~3,000</p> | |
| <p>NAS server with high-end RAID + Hot swap function at least US\$ 800 USD</p> | |
| <p style="text-align: right;">Total US\$4,000~5,000</p> | <p style="text-align: right;">Total US\$2,000/\$1,600</p> |
| <p>After service (RMA) is very heavy</p> | <p>Less after service</p> |
| <p>Do you want to enjoy lower margin with heavy after service effort?</p> | <p>Enjoy higher margin and less effort!</p> |

QNAP NVR helps you earn more!

| PC-based Recording Solution | VioStor-101/NVR-104 |
|--|--|
| <p>Windows PC server (with 500G HDD) US\$1,000</p> | <p>Only NVR is enough!</p>  <p>500G HDD +Linux S/W embedded +high-end RAID function</p> |
| <p>Video recording S/W (at least 100~150 \$/Ch) US\$400 ~ \$600</p> | |
| <p>NAS server with high-end RAID at least US\$600</p> | |
| <p style="text-align: right;">Total US\$2,000~\$2,200</p> | <p style="text-align: right;">Total US\$750/\$550</p> |
| <p>After service (RMA) is very heavy</p> | <p>Less after service</p> |
| <p>Do you want to enjoy lower margin with heavy after service effort?</p> | <p>Enjoy higher margin and less effort!</p> |

QNAP NVR helps you save more!

Power Consumption



Power electricity = Money

Less power consumption = Less Bill



To use QNAP NVR to help your customers SAVE MORE \$\$\$

QNAP NVR helps you smile more!

Different PCs in different locations need to install the surveillance software in order to access the PC which is recording the IP cameras.

You can utilize the functions of NVR with any PC connected with network.



PC-based Solution



QNAP VioStor Series

QNAP NVR with more choices

We support 80% of famous IP cameras from all over the world!

