Introduction for
Blazer Pro

HIKVISION

2016.02.23

Blazer Pro: All-in-one Server

◆ Product Introduction

➢ Blazer Pro = All-in-one Server；

➢ Blazer Pro gather the function of "management software, servers, storage hardware"，With video surveillance management License（128ch or 256ch）；

◆ Product Positioning

➢ Standard：128/256 -> 512；

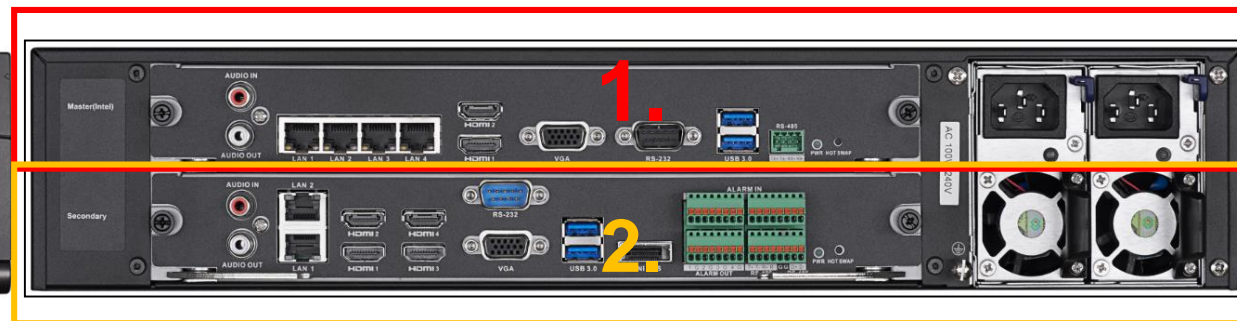➢ One-Stop Solution；

| Storage | Decoder | Server | Windows OS | VMS |

Blazer Pro: All-in-one Server
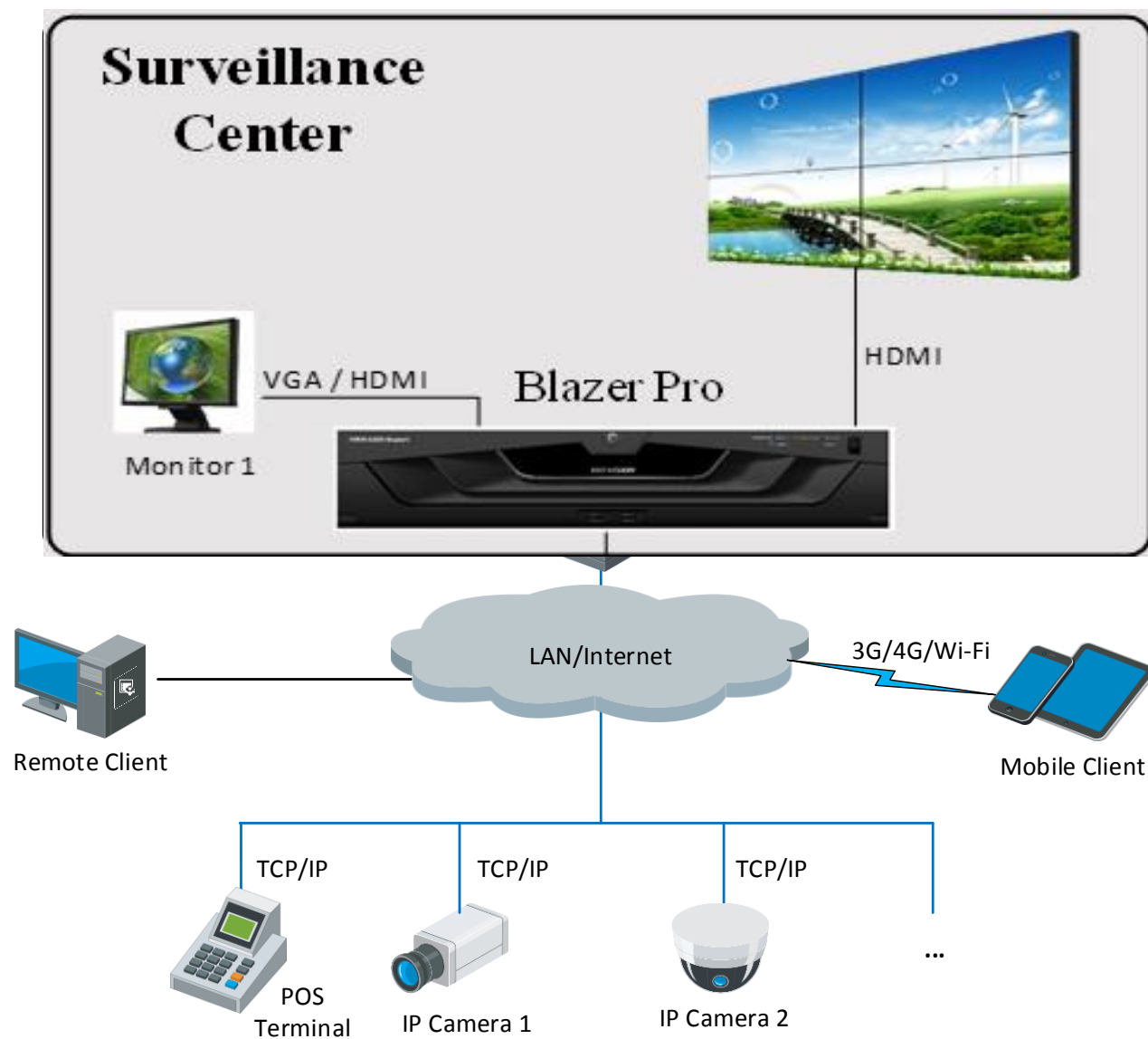

Front Panel

Rear Panel

- ☐ **Chassis: 2U**
- ☐ **Model: Blazer Pro/128, Blazer Pro/256**
- ☐ **HDD Slots: 8 (1+7)**

Note: 1. Including 8 HDDs total; one for Server Board; the other seven for Storage Board;

2. Up to 6 TB for each HDD;

- ☐ **1. Server Board; including 128 or 256 Video Licenses by default. Can be expanded into 512 channels;**
- ☐ **2. Storage Board; including 128 or 256 channels storage or decoding;**

Surveillance Center

Monitor 1

VGA / HDMI

Blazer Pro

HDMI

LAN/Internet

3G/4G/Wi-Fi

Remote Client

Mobile Client

TCP/IP TCP/IP TCP/IP

...

POS Terminal

IP Camera 1

IP Camera 2

Convenience

Stability

Reliable Warranty

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Easy to deploy and maintenance

★ Pre-installed Windows operating system (Win 8.1), preloaded iVMS, economical with time and effort.

Windows 8.1
Professional, 64 bit

iVMS-5200 Professional
video management software

◆ **Easy remote maintenance** via remote desktop

Easy to deploy and maintain

★ Pre-installed Windows operating system (Win 8.1), preloaded iVMS, economical with time and effort.

★ Install simply and quickly with configuration wizards.

Encoding Device

Add the encoding devices (e.g., DVR, IPC) to your system.

Add Device

Record Schedule

Configure the record schedule for the added devices.

Set Record Schedule

Event

Set the event parameters and the linkage actions for the alarm.

Set Event

User and Role

Manage the users and roles, and assign the permissions.

Add User

Easy to deploy and maintenance

★ Pre-installed Windows operating system (Win 8.1), preloaded iVMS, economical with time and effort.

★ Install simply and quickly with configuration wizards.

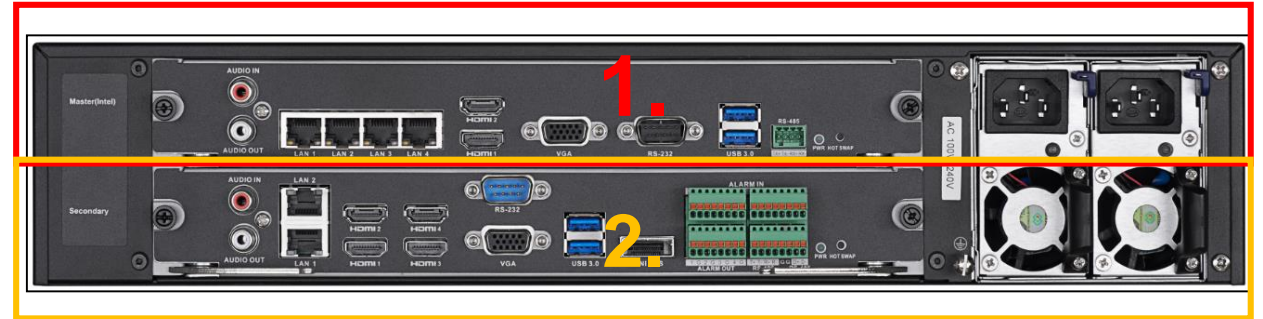★ iVMS and OS are installed in SSD (64GB), which takes no HDD storage space.

◆ SSD is pluggable and easy for after-sale maintenance.

◆ support power-off data protection for operation safety.

◆ speed of read and write is quicker.

High Stability

★ Storage Board and Server Board are separated, more Stable;

☐ **1. Master Board:** Server Board;

☐ **2. Secondary Board:** Storage Board;

High Stability

★ Storage Board and Server Board are separated, more Stable;

★ Redundant power supply design

★ Storage Board "based on Linux Embedded system, support ANR、RAID、N+1 hot spot";

◆ Connect two power supply;

◆ Normally, one power supply, the other is standby;

◆ When the working power supply is off, the other will start working immediately;

**Notes:** If only connect one power supply, there will be audio alarm.

Easy to access

★ **Multiple client access methods**

- ✓ Control Client： Local Client and Standalone installation Client.

- ✓ Web Client：IE10，IE11

- ✓ Phone Client：iOS，Android

- ✓ Pad Client ：iOS

★ **Support cross-domain access**
- ✓ e.g. Client on the public network, Blazer in the LAN;

Control Client

WAN

Internet

Blazer Pro

Local Client
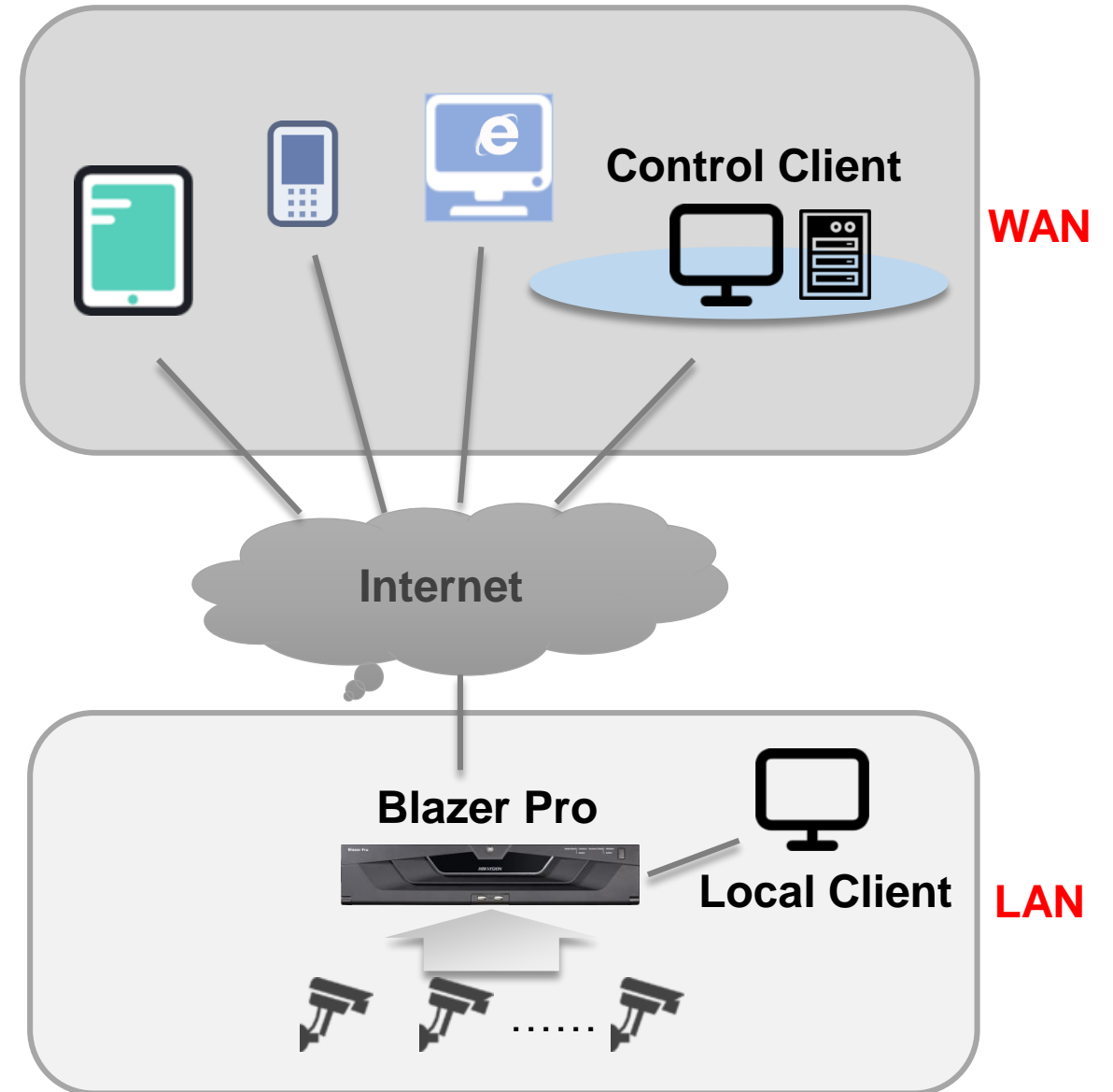
LAN

Multi-Screen Display

Multi-Screen Display

Joint Mode:
1-ch video is displayed across 4 jointed monitors;

Ordinary Mode:
1-ch video is displayed on 1 monitor.

HDMI

Blazer Pro

Blazer Pro

DS-AJ6816S

miniSAS

Cascading

DS-AJ6824S

1/Support storage expansion via MiniSAS interface (16 slots or 24 slots)

2/Support two stage cascading

Storage Expansion

Spec (Video Management System)

	Blazer Pro/256	Blazer Pro/128
Number of Connected Cameras per System	256 (expandable to 512)	128 (expandable to 256)
Number of Connected Devices or Mobile Video Recorders (Sold Separately) per System	256	128
Number of Connected Mobile Terminals (Sold Separately)	64	64
Number of Connected Alarm Inputs/Outputs per System	1024	1024
Control Clients per System	16	16
Web Clients per System	16	16
Mobile Clients per System	64	64
Web Managers per System	Unlimited	Unlimited
Number of Users	Unlimited	Unlimited
Number of Roles	64	64
PTZ Control Permission Levels	100	100
Number of Stream Media Servers Per System	16	16
POS Systems Access (Sold Separately)	100	100
Video Input Bandwidth per SMS	200 $\times$ 2 Mbps	200 $\times$ 2 Mbps
Video Output Bandwidth per SMS	200 $\times$ 2 Mbps	200 $\times$ 2 Mbps

Spec (Video Storage Device)

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	Blazer Pro/256	Blazer Pro/128
Incoming Bandwidth	640 Mbps or 320 Mbps (when RAID is enabled)	400 Mbps or 320 Mbps (when RAID is enabled)
Outgoing Bandwidth	640 Mbps or 320 Mbps (when RAID is enabled)	400 Mbps or 320 Mbps (when RAID is enabled)
Live View / Playback Resolution	6 MP/5 MP/3 MP /1080p/UXGA/720p/VGA/4CIF/DCIF/2CIF/CIF/QCIF	6 MP/5 MP/3 MP /1080p/UXGA/720p/VGA/4CIF/DCIF/2CIF/CIF/QCIF
Recording Channels	256 channels	128 channels
SATA	7 SATA interfaces for 7 HDDs (for the video storage)	7 SATA interfaces for 7 HDDs (for the video storage)
miniSAS	1 miniSAS interface	1 miniSAS interface
Capacity	Up to 6 TB capacity for each HDD	Up to 6 TB capacity for each HDD
Array Type	RAID 0, RAID 1, RAID 5, RAID 10	RAID 0, RAID 1, RAID 5, RAID 10
Power Supply	100 to 240 VAC, 6.3 A, 50 to 60 Hz	100 to 240 VAC, 6.3 A, 50 to 60 Hz
Consumption (without Hard Disk)	≤250 W	≤250 W
Working Temperature	0º C to +40º C (32º F to 104º F)	0º C to +40º C (32º F to 104º F)
Working Humidity	10% to 90%	10% to 90%
Chassis	19-inch rack-mounted 2U chassis	19-inch rack-mounted 2U chassis
Dimensions (W × D × H)	442 mm × 550 mm × 93 mm (17.4" × 21.7" × 3.7")	442 mm × 550 mm × 93 mm (17.4" × 21.7" × 3.7")
Weight (without Hard Disk)	≤13.6 kg (29.98 lb)	≤13.6 kg (29.98 lb)

In this scenario, we store the video from remote cameras in the local NVR. The Blazer Pro is mainly used as the server and is able to access limited number of connected cameras directly.
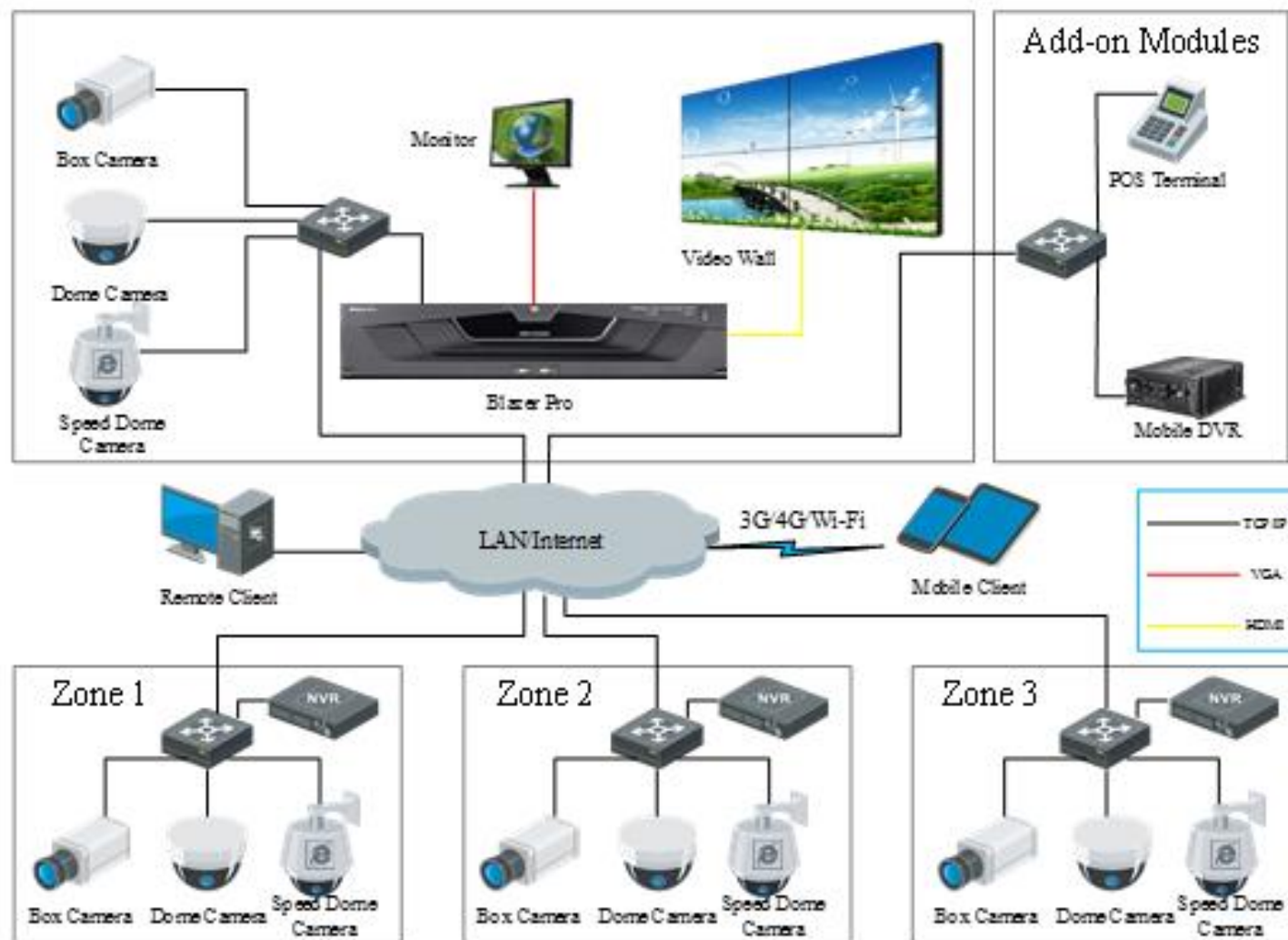
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MANY THANKS !

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