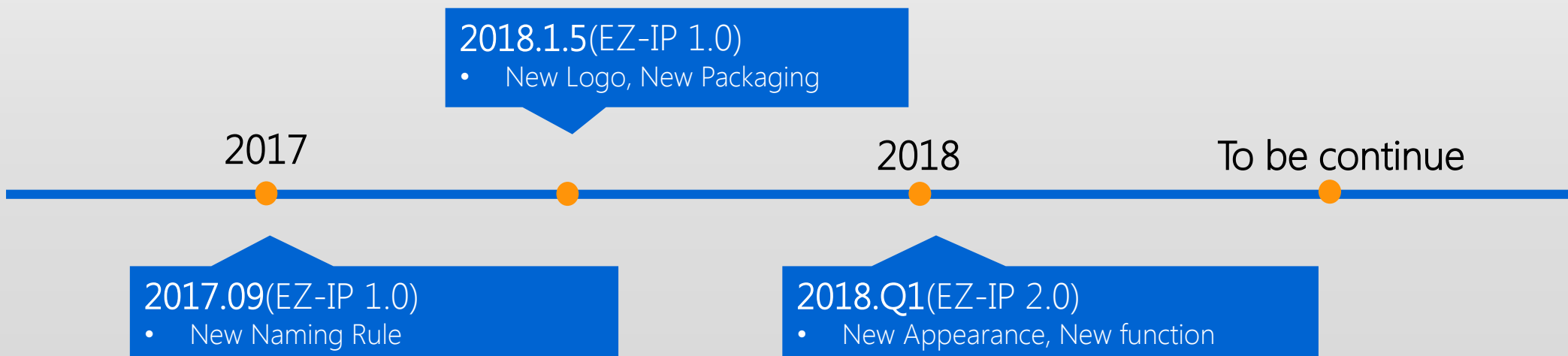# CONTENT

01

Overview

Backgrounds ● Naming Rule ● Packaging ● Appearance Service and Support ● Products Comparison
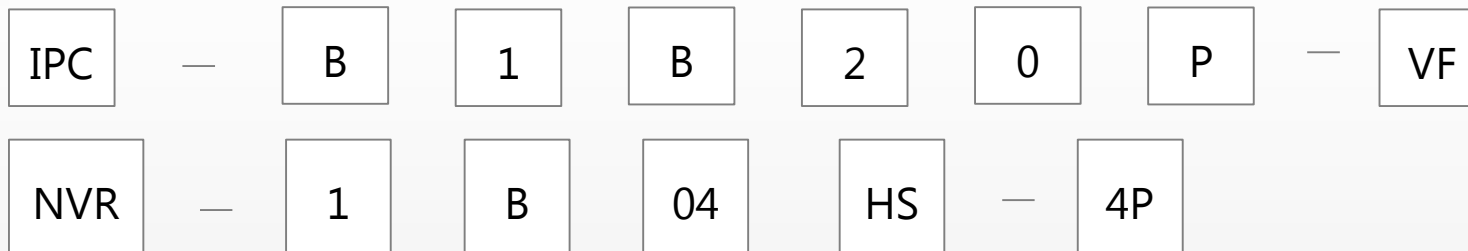
Overview — Backgrounds

With the mission of "Surveillance made simple", EZ-IP continuously provide an easy to install, easy to use, high security, high quality IP surveillance system for customers. Along with the popularization of H.265 technology, the conventional H.264 technology has gradually lost competitiveness in the market. Therefore, EZ-IP 2.0 which adopts H.265 technology is launched to compete with Hiwatch/Hilook and Shenzhen Company, to help our customers to gain more market and build the city moat of IP surveillance system.
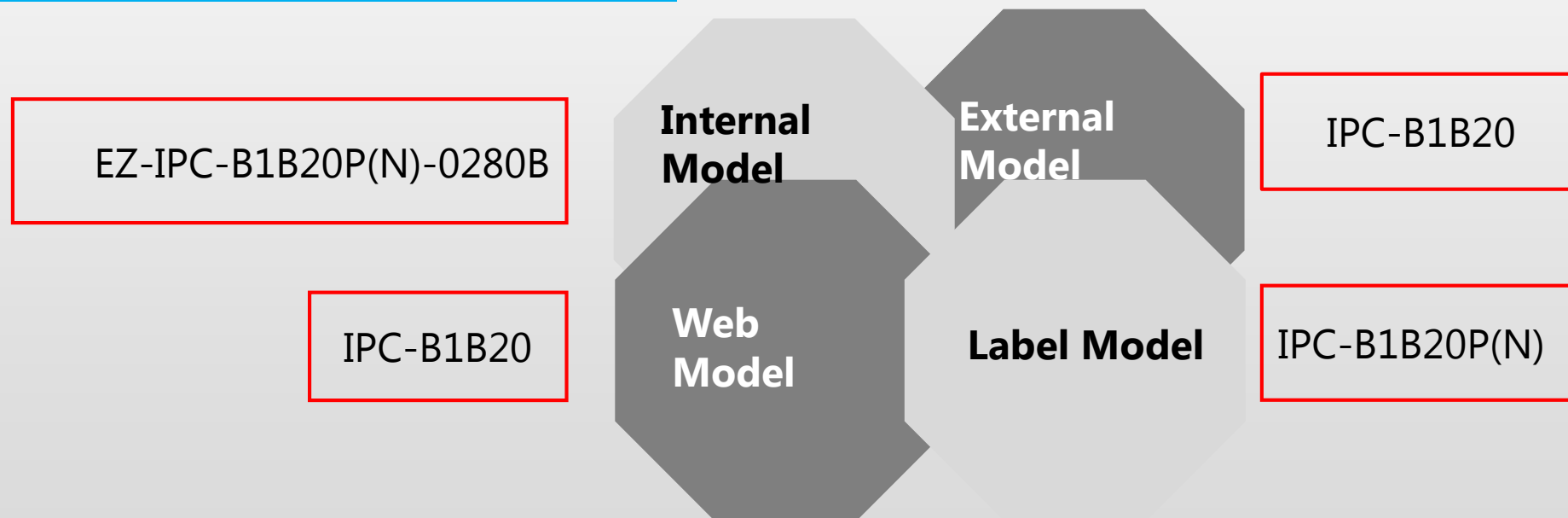
Let everyone enjoy IP system!

2018.1.5(EZ-IP 1.0)
- New Logo, New Packaging

2017

2018

To be continue

2017.09(EZ-IP 1.0)
- New Naming Rule

2018.Q1(EZ-IP 2.0)
- New Appearance, New function

Overview — Naming Rule

IPC	—	B	1	B	2	0	P	—	VF

NVR	—	1	B	04	HS	—	4P

Note *(Taking IPC-B1B20 as an example):*

EZ-IPC-B1B20P(N)-0280B

Internal Model

External Model

IPC-B1B20

IPC-B1B20

Web Model

Label Model

IPC-B1B20P(N)

Pay attention to the new naming rule

Overview — Appearance

EZ-IP 2.0

New design appearance

Coming soon

Vari-focal IPC will be released in June

Overview — Service and Support

Dahua

EZ-IP

3 Years
Warranty

>>

1 Year
Warranty
by default

Note: EZ-IP Warranty is 1 year by default, can be changed to meet local legal requirements

Overview — Service and Support

01 Baseline

The baseline of EZ-IP and Dahua is are independent, it can't support mutually upgrade

02 Collocation

EZ-IP NVR can work with Dahua IPC, and EZ-IP IPC also can work with Dahua NVR. There is no limit of collocation

03 Mobile APP

EZ-IP utilize DMSS APP

04 Tools

Configtool, smartpss, smart player for example

05 User manual

EZ-IP adopts new EZ-IP user manual and QSG

06 Customization

EZ-IP can't support customization, except language, label and power supply.

Overview — Products Comparison

IPC Features	EZ-IP	ALPS	Dahua	Hikvision	Price
	EZ-IP 2.0	ALPS 265	Lite 265	Hilook 265	*EZ-IP VS Hilook*
Resolution	2MP/4MP	2MP/4MP	2MP/4MP/5MP/8MP	2MP/4MP	
Compression	H.265+/H.265/H.264+/H.264	H.265+/H.265/H.264+/H.264	H.265+/H.265/H.264+/H.264	H.265+/H.265/H.264+/H.264	
IVS	N/A	N/A	Tripwire/Intrusion	N/A	
WDR	DWDR	DWDR	Support(except for 1230/2230)	Only special model Support	EZ-IP is more competitive than Hilook & Hiwatch
Alarm&Audio	N/A	N/A	Vari-focal series Support	N/A	
Housing	EZ-IP new high quality housing	General high quality housing	Dahua high quality housing	Hilook housing	*Note: the conclusion is based on the pricelists we gathered.*

Overview — Products Comparison

NVR Features	EZ-IP		Dahua	Hikvision	Price
	EZ-IP 2.0 (2CH@1080P)	EZ-IP 2.0 (4CH@1080P)	NVR2000-4KS2	Hilook	*EZ-IP VS Hilook*
Support IPC Resolution	Max 3MP	Max 8MP	Max 8MP	Max 8MP	EZ-IP is more competitive than that Hilook
Input Bandwidth	Max 48Mbps	Max 80Mbps	Max 80Mbps	Max 80Mbps	
Video Compression	H.265/H.264	H.265+/H.265 /H.264+/H.264	H.265+/H.265 /H.264+/H.264	H.265+/H.265 /H.264+/H.264	
Decoding Capacity	2CH@1080P 30fps	1CH@4K/4CH@1080P	1CH@4K/4CH@1080P	1CH@4K/4CH@1080P	
4K output	N/A	YES(except 16ch)	YES(except 16ch)	Yes(no 16ch)	
Reset Button	N/A	YES	YES	N/A	
Email	N/A	YES	YES	YES	*Note: the conclusion is based on the pricelists we gathered.*
Multi-Language	YES	YES	YES	YES	

02

Highlights

High Quality ● Smart H.265+ ● 4MP
Face Optimization ● Large FOV
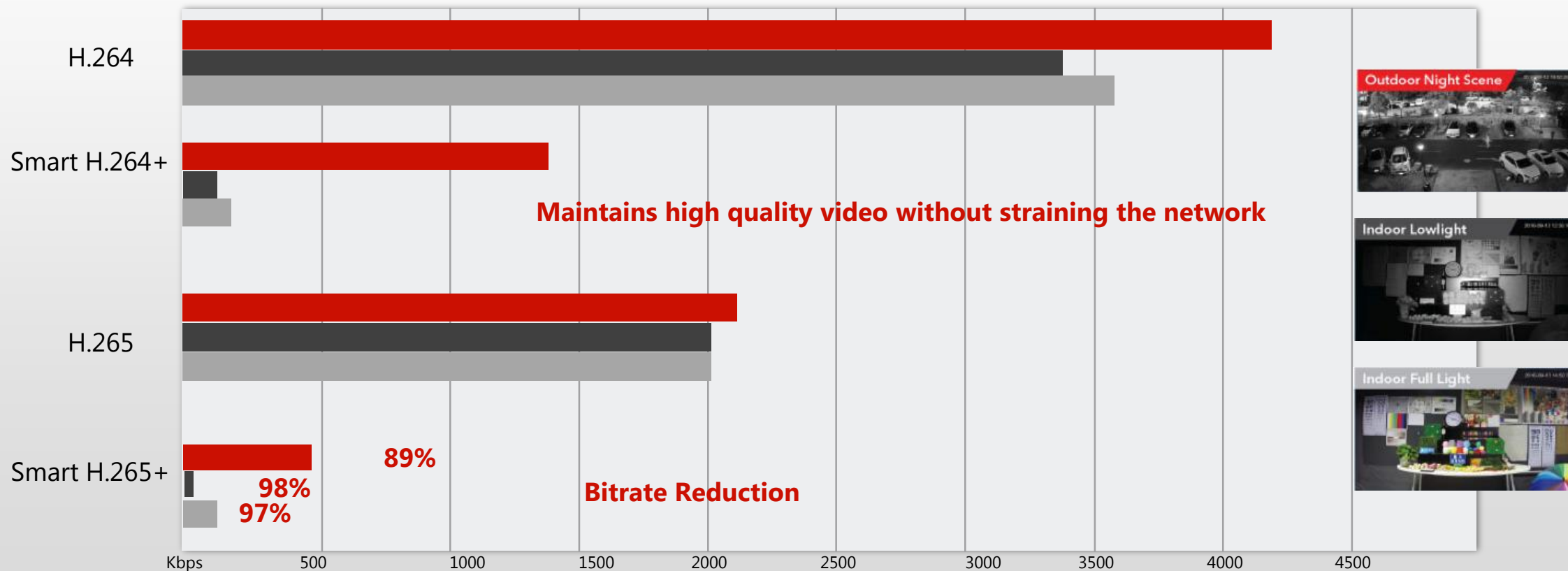Plug & Play ● Quick Start ● Smart Decode ● P2P

High Quality

EZ-IP is fully in line with Dahua's high quality. Stable and reliable components are utilized and various tests such as anti-vibration, water resistance, and aging tests are performed to ensure quality standards.

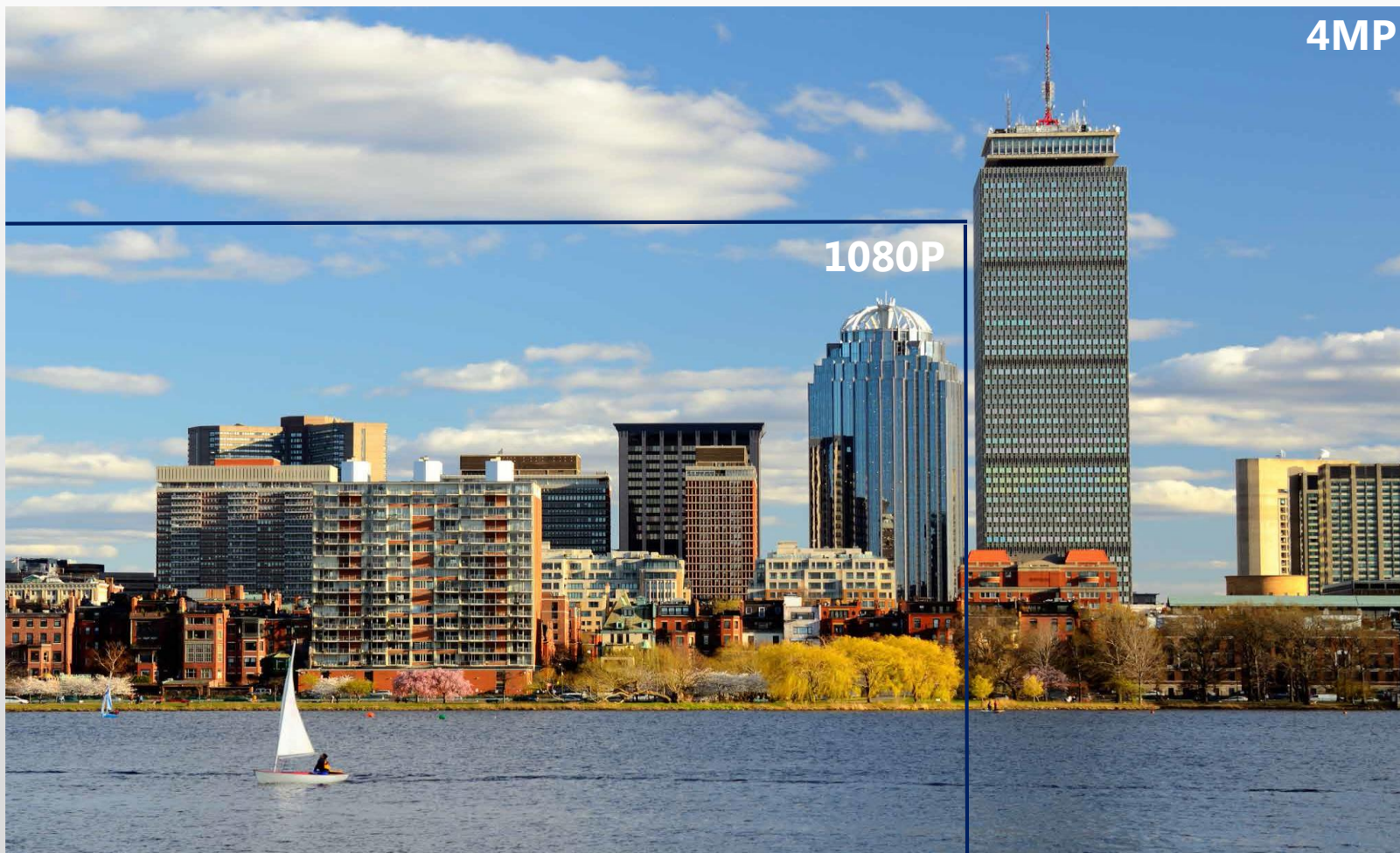# Highlights — Smart H.265+

Smart H.265+ technology reduces bit rate and storage requirements by up to 70% when compared to standard H.265 video compression.*(Not all of the NVR can support H.265+, please refer to the datasheet for detailed information)*

Maintains high quality video without straining the network

89%

98%

97%

Bitrate Reduction

*The above figures are based on real test conditions and the bit rate reduction may vary depending on the light and movement conditions and details of the scene.
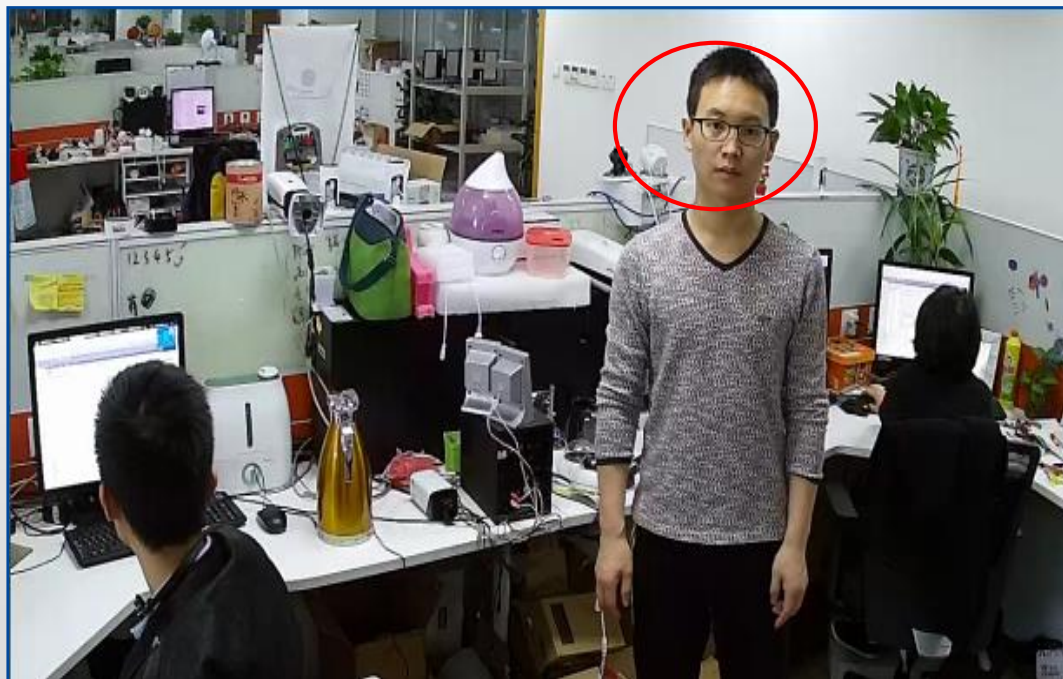
Highlights — 4MP

EZ-IP camera offers 2MP & 4MP resolution which is enough to cater the needs for home/residential and SMB applications.
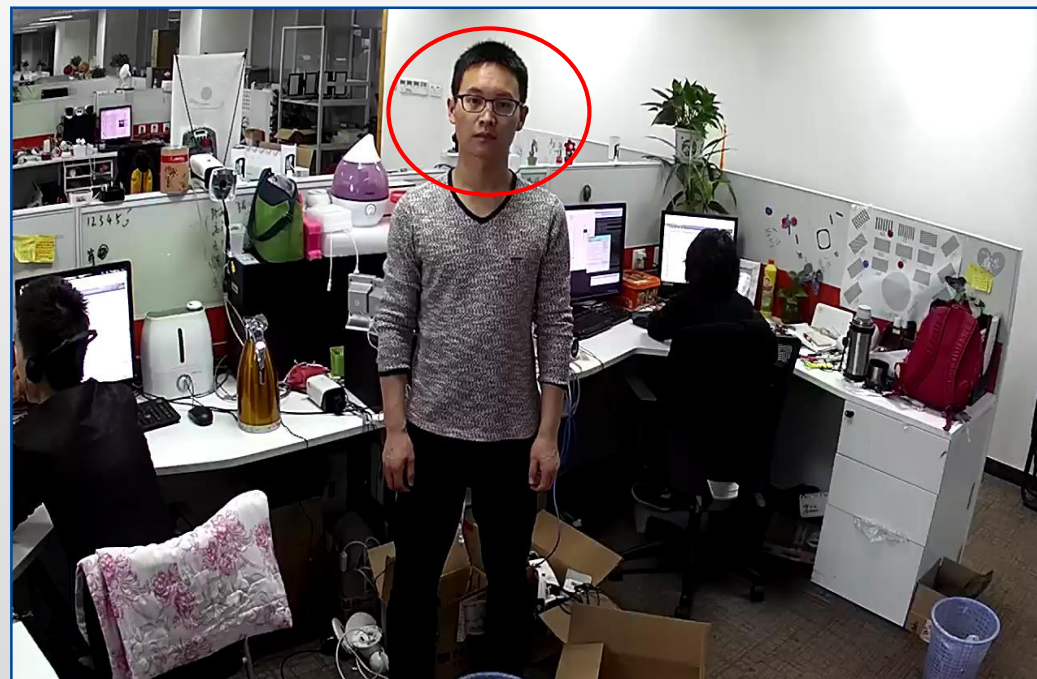
Highlights — Larger FOV

Compared with traditional lens windows, a quadrangular window design can support a larger FOV with same sensor and lens.

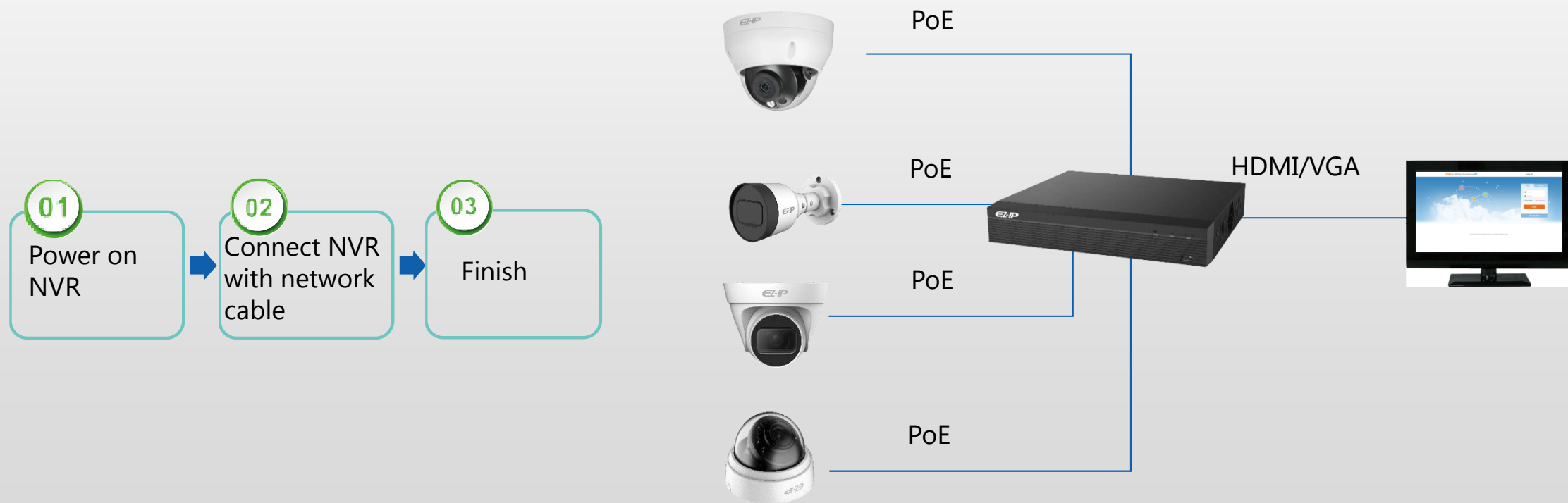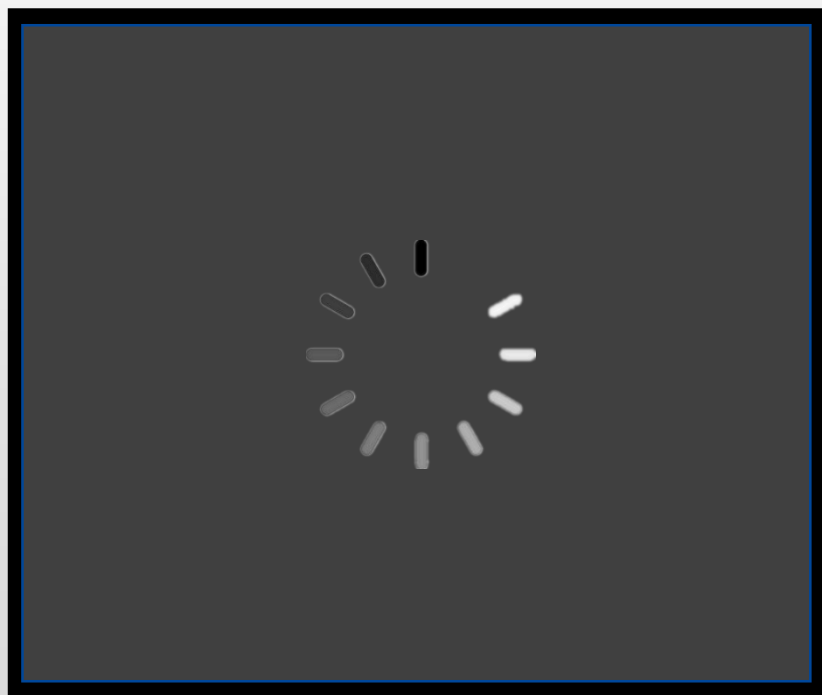Innovative Lens Window Design

Quadrangular Window

Highlights — Plug & Play

Easy and simple operation is one of the important features customers care about. EZ-IP cameras all feature PoE, enabling users to simply plug & play with PoE NVRs.

01 Power on NVR

02 Connect NVR with network cable

03 Finish

PoE

PoE

PoE

PoE

HDMI/VGA

Highlights — Quick Start
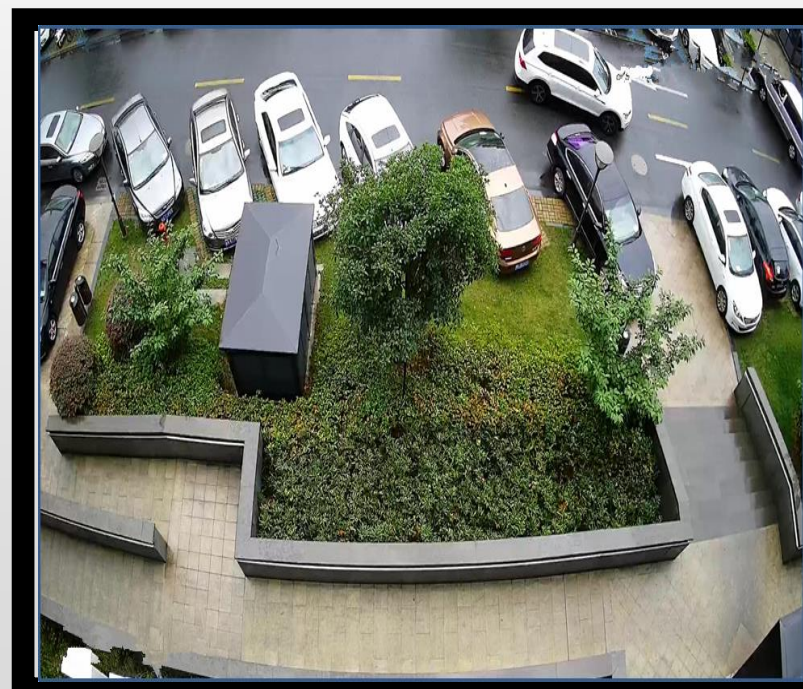
2MP cameras feature a new platform that saves on storage and employs a fast boot and special processing scheme, increasing startup speed by more than 50%.

50%

Startup Speed

Others

EZ-IP 2.0

Highlights — Smart Decode

EZ-IP NVR support Smart Decode, with that system can automatically calculate decoding capacity and live view with main/sub stream freely.

Sub Stream

Before

Now

Highlights — P2P

- No DDNS setting, no port mapping, just scan SN QR code and connect to mobile phone
- Easily monitor at anytime and anywhere
- Get important alarm alerts immediately

2. Tell sever itself info

3. Request access to the device (SN)

4.Tell phone the address info of the device

5. Contacting devices

6. Contacting mobile phone

1.Power on & networking

Live Preview

03

Product Family

IP Camera ● NVR

Product Family — IP Camera

IPC-B1B20-L (20fps)	IPC-T1B20-L (20fps)	IPC-D1B20-L (20fps)	IPC-D2B20-L (20fps)
IPC-B1B20	IPC-T1B20	IPC-D1B20	IPC-D2B20
IPC-B1B40	IPC-T1B40	IPC-D1B40	IPC-D2B40

Product Family — IP Camera

IPC-B1B20-L	IPC-B1B20	IPC-B1B40
1/2.7" 2Megapixel progressive CMOS	1/2.7" 2Megapixel progressive CMOS	1/3" 4Megapixel progressive CMOS
DWDR, Day/Night(ICR), 3DNR, AWB, AGC, BLC	DWDR, Day/Night(ICR), 3DNR, AWB, AGC, BLC	DWDR, Day/Night(ICR), 3DNR, AWB, AGC, BLC
20fps@1080P(1920×1080) 25/30fps@1.3MP(1280×960)	25/30fps@1080P(1920×1080)	20fps@4MP(2688×1520)

- *H.265+ & H.265* dual-stream encoding

- *2.8 mm* fixed lens (*3.6mm* optional)

- Max IR LEDs Length *30m*

- *IP67, PoE*

Product Family — IP Camera

IPC-T1B20-L	IPC-T1B20	IPC-T1B40
1/2.7" 2Megapixel progressive CMOS	1/2.7" 2Megapixel progressive CMOS	1/3" 4Megapixel progressive CMOS
DWDR, Day/Night(ICR), 3DNR, AWB, AGC, BLC	DWDR, Day/Night(ICR), 3DNR, AWB, AGC, BLC	DWDR, Day/Night(ICR), 3DNR, AWB, AGC, BLC
20fps@1080P(1920×1080) 25/30fps@1.3MP(1280×960)	25/30fps@1080P(1920×1080)	20fps@4MP(2688×1520)

- *H.265+ & H.265* dual-stream encoding

- *2.8 mm* fixed lens (*3.6mm* optional)

- Max IR LEDs Length *30m*

- *IP67, PoE*

Product Family — IP Camera

IPC-D1B20-L	IPC-D1B20	IPC-D1B40
1/2.7" 2Megapixel progressive CMOS	1/2.7" 2Megapixel progressive CMOS	1/3" 4Megapixel progressive CMOS
DWDR, Day/Night(ICR), 3DNR, AWB, AGC, BLC	DWDR, Day/Night(ICR), 3DNR, AWB, AGC, BLC	DWDR, Day/Night(ICR), 3DNR, AWB, AGC, BLC
20fps@1080P(1920×1080) 25/30fps@1.3MP(1280×960)	25/30fps@1080P(1920×1080)	20fps@4MP(2688×1520)

- *H.265+ & H.265* dual-stream encoding

- *2.8 mm* fixed lens (*3.6mm* optional)

- Max IR LEDs Length *20m*

- *PoE*

Product Family — IP Camera

IPC-D2B20-L	IPC-D2B20	IPC-D2B40
1/2.7" 2Megapixel progressive CMOS	1/2.7" 2Megapixel progressive CMOS	1/3" 4Megapixel progressive CMOS
DWDR, Day/Night(ICR), 3DNR, AWB, AGC, BLC	DWDR, Day/Night(ICR), 3DNR, AWB, AGC, BLC	DWDR, Day/Night(ICR), 3DNR, AWB, AGC, BLC
20fps@1080P(1920×1080) 25/30fps@1.3MP(1280×960)	25/30fps@1080P(1920×1080)	20fps@4MP(2688×1520)

- *H.265+ & H.265* dual-stream encoding

- *2.8 mm* fixed lens (*3.6mm* optional)

- Max IR LEDs Length *30m*

- *IP67, PoE*

Product Family — NVR

NVR1B04(08)/L

NVR1B04-4P/L

NVR1B04(08)

NVR1B04-4P

NVR1B04(08)HS/L

NVR1B04HS-4P/L

NVR1B04(08)HS

NVR1B04(08)HS-4P/8P

NVR2B16

Product Family — NVR

NVR1B04(08)/L	NVR1B04-4P/L

NVR1B04(08)/L
- *4/8ch* camera input
- *1 HDD*, up to **6TB**
- *H.265/H.264* decoding
- Max *48Mbps* incoming bandwidth
- Up to 3MP(2048*1536) resolution preview & playback
- Up to *2ch@ 1080P* decoding capacity
- HDMI/VGA simultaneous video output

NVR1B04-4P/L
- *4ch* camera input
- *1 HDD*, up to **6TB**
- *H.265/H.264* decoding
- Max *48Mbps* incoming bandwidth
- Up to 3MP(2048*1536) resolution preview & playback
- Up to *2ch@1080P* decoding capacity
- HDMI/VGA simultaneous video output
- Plug & Play, 4PoE

Product Family — NVR

NVR1B04(08)/L	NVR1B04-4P/L

NVR1B04(08)/L
- *4/8ch* camera input
- *1 HDD*, up to **6TB**
- *H.265/H.264* decoding
- Max *48Mbps* incoming bandwidth
- Up to 3MP(2048*1536) resolution preview & playback
- Up to *2ch@1080P* decoding capacity
- HDMI/VGA simultaneous video output

NVR1B04-4P/L
- *4ch* camera input
- *1 HDD*, up to **6TB**
- *H.265/H.264* decoding
- Max *48Mbps* incoming bandwidth
- Up to 3MP(2048*1536) resolution preview & playback
- Up to *2ch@1080P* decoding capacity
- HDMI/VGA simultaneous video output
- Plug & Play, 4PoE

Product Family — NVR

NVR1B04/NVR1B08	NVR1B04-4P

NVR1B04/NVR1B08

- *4/8ch* camera input
- *1 HDD*, up to **6TB**
- *H.265+/H.265/H.264+/H.264* decoding
- Max *80Mbps* incoming bandwidth
- Up to *8MP* resolution preview & playback
- Up to *4ch@1080P* decoding capacity
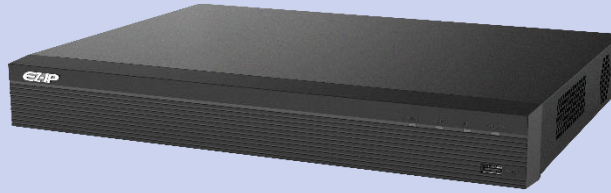- HDMI/VGA simultaneous video output

NVR1B04-4P

- *4ch* camera input
- *1 HDD*, up to **6TB**
- *H.265+/H.265/H.264+/H.264* decoding
- Max *80Mbps* incoming bandwidth
- Up to *8MP* resolution preview & playback
- Up to *4ch@1080P* decoding capacity
- HDMI/VGA simultaneous video output
- Plug & Play, 4PoE

Product Family — NVR

NVR1B04/NVR1B08HS	NVR1B04HS-4P/NVR1B08HS-8P

NVR1B04/NVR1B08HS	NVR1B04HS-4P/NVR1B08HS-8P
• *4/8ch* camera input	• *4/8ch* camera input
• *1 HDD*, up to **6TB**	• *1 HDD*, up to **6TB**
• *H.265+/H.265/H.264+/H.264* decoding	• *H.265+/H.265/H.264+/H.264* decoding
• Max *80Mbps* incoming bandwidth	• Max *80Mbps* incoming bandwidth
• Up to *8MP* resolution preview & playback	• Up to *8MP* resolution preview & playback
• Up to *4ch@1080P* decoding capacity	• Up to *4ch@1080P* decoding capacity
• HDMI/VGA simultaneous video output	• HDMI/VGA simultaneous video output
	• Plug & Play, 4/8PoE

Product Family — NVR

NVR2B16

- *16ch* camera input
- *2 HDD*, up to **12TB**
- *H.265+/H.265/H.264+/H.264* decoding
- Max *80Mbps* incoming bandwidth
- Up to *8MP* resolution decoding
- Up to *4ch@1080P* decoding capacity
- HDMI/VGA simultaneous video output

04

Application

SMB • Banking • Analog Upgrading

Application — SMB

Benefits:

- Monitor entrance and exits
- External Monitoring
- Cashier safety
- Turnover growth
- Real time protection

Café

Restaurant

Cashier Safety

Shop

Bar

Application — Banking

Benefits:

- Monitor entrance and exits
- Monitor Lobby
- Monitor Cash Transaction Area
- Monitor ATM Area
- Monitor Outdoor

Security Center
- Data safety
- System stability and reliability
- Abundant alarm mechanism

Learn more

Entrance

Lobby

Cash Transaction Area

ATM Area

Security Center

Outdoor

Application — Analog Upgrading

Benefits:

- Easy to use
- High quality
- High security
- Low bite rate

EZ-IP

Upgrade

Analog

The smart security, I Promise you.

Thank you