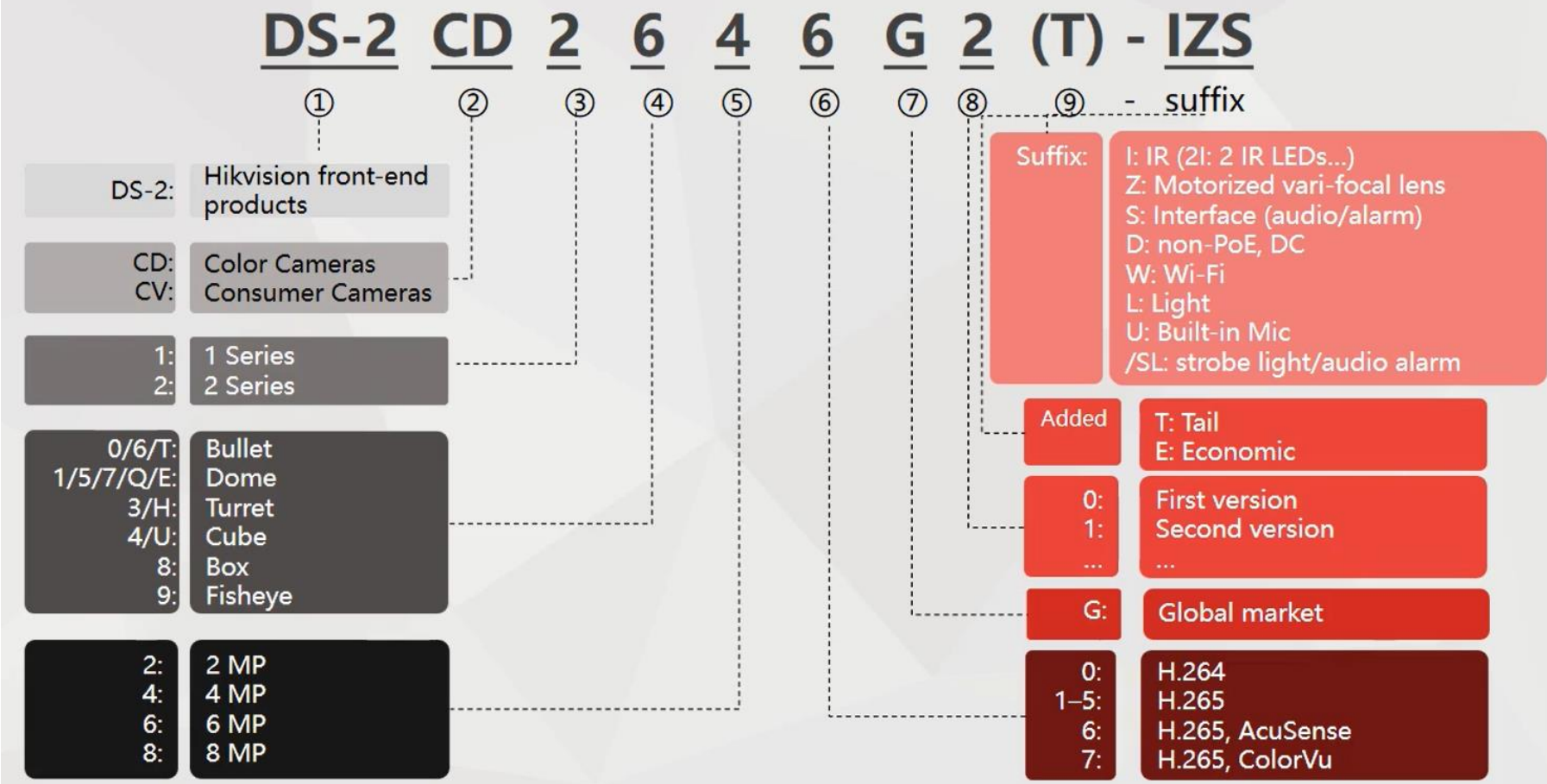


네이밍룰

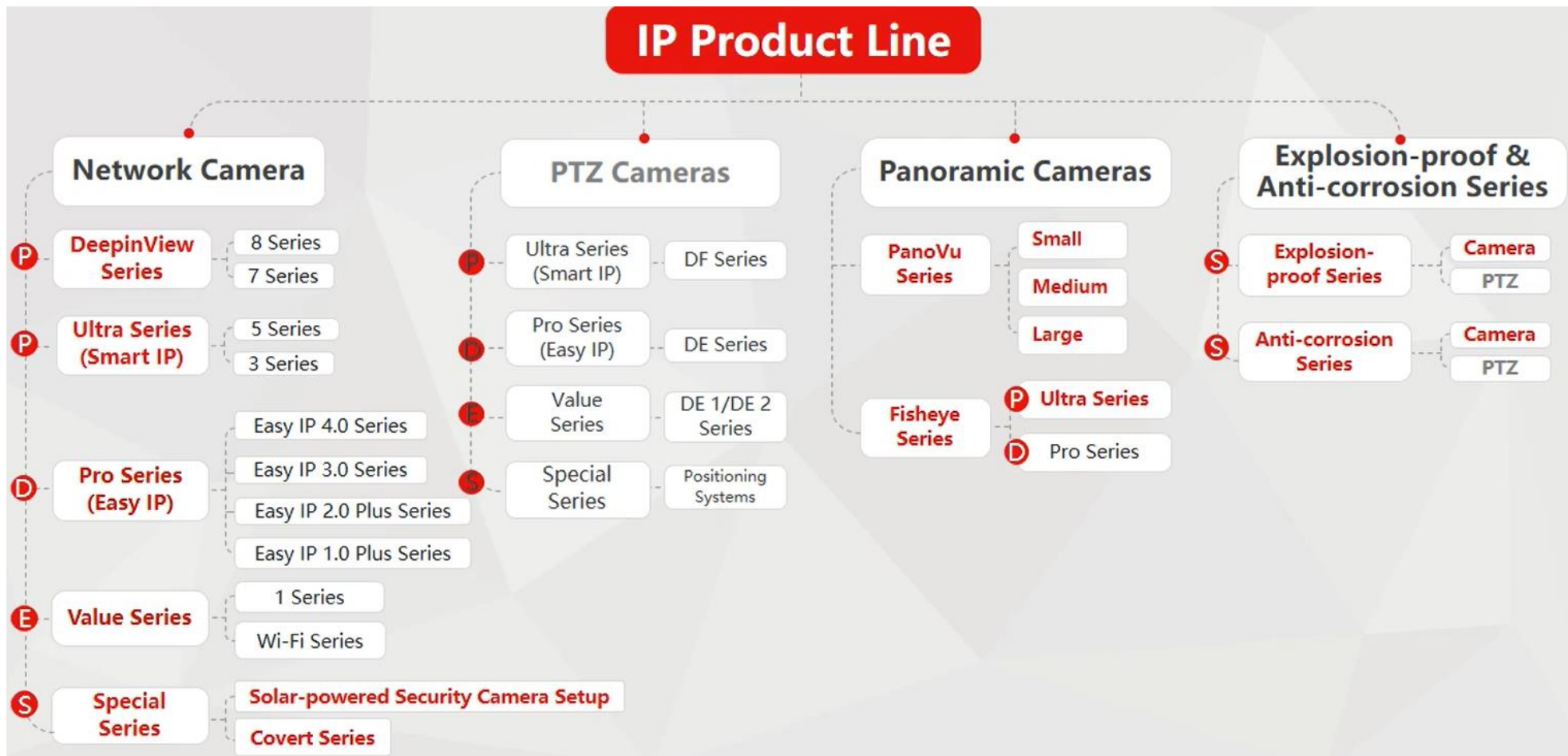
하이크비전코리아

IPC

Naming rules – 1/2/3 series



IPC



NVR

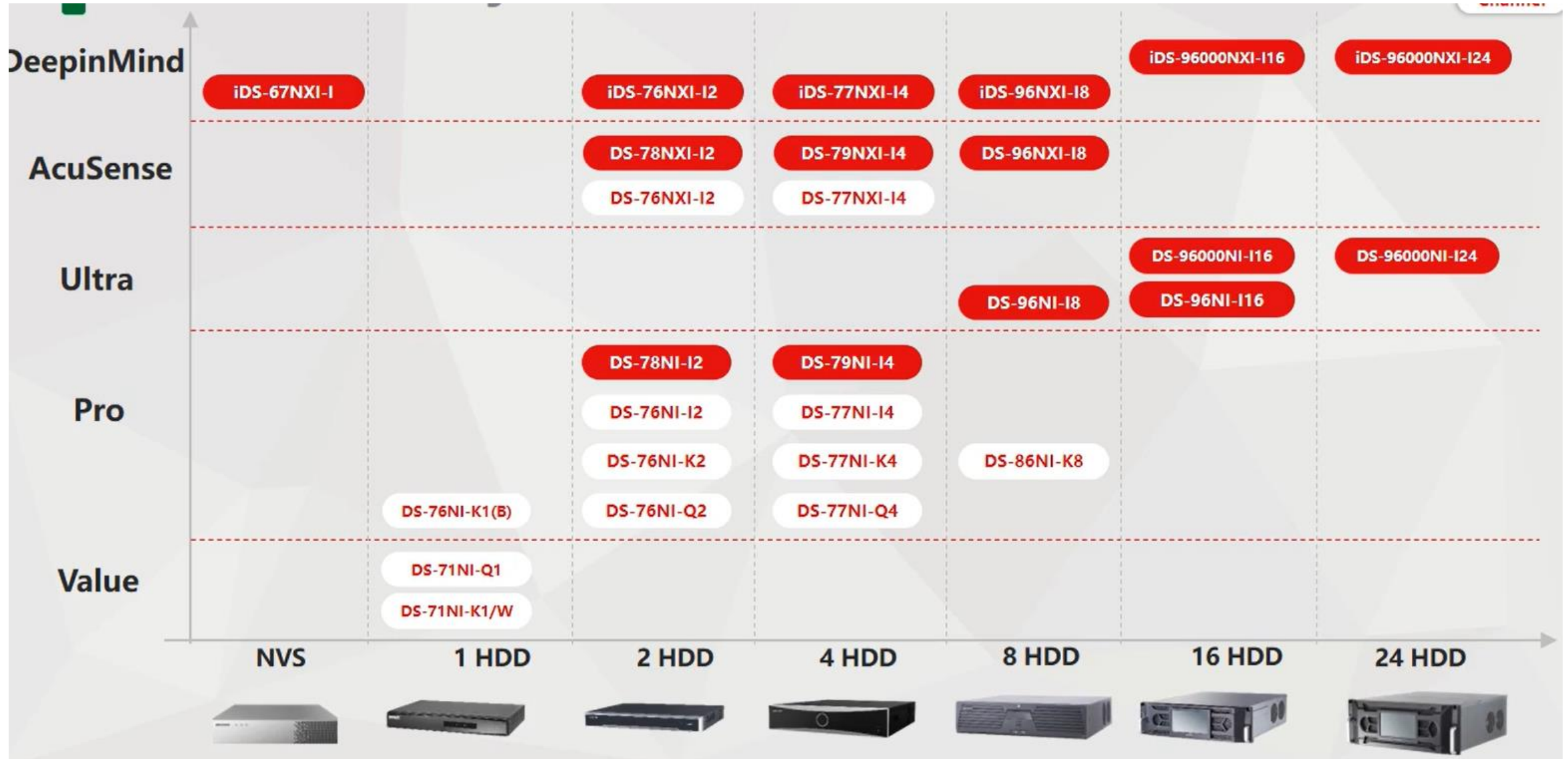


Name Rules

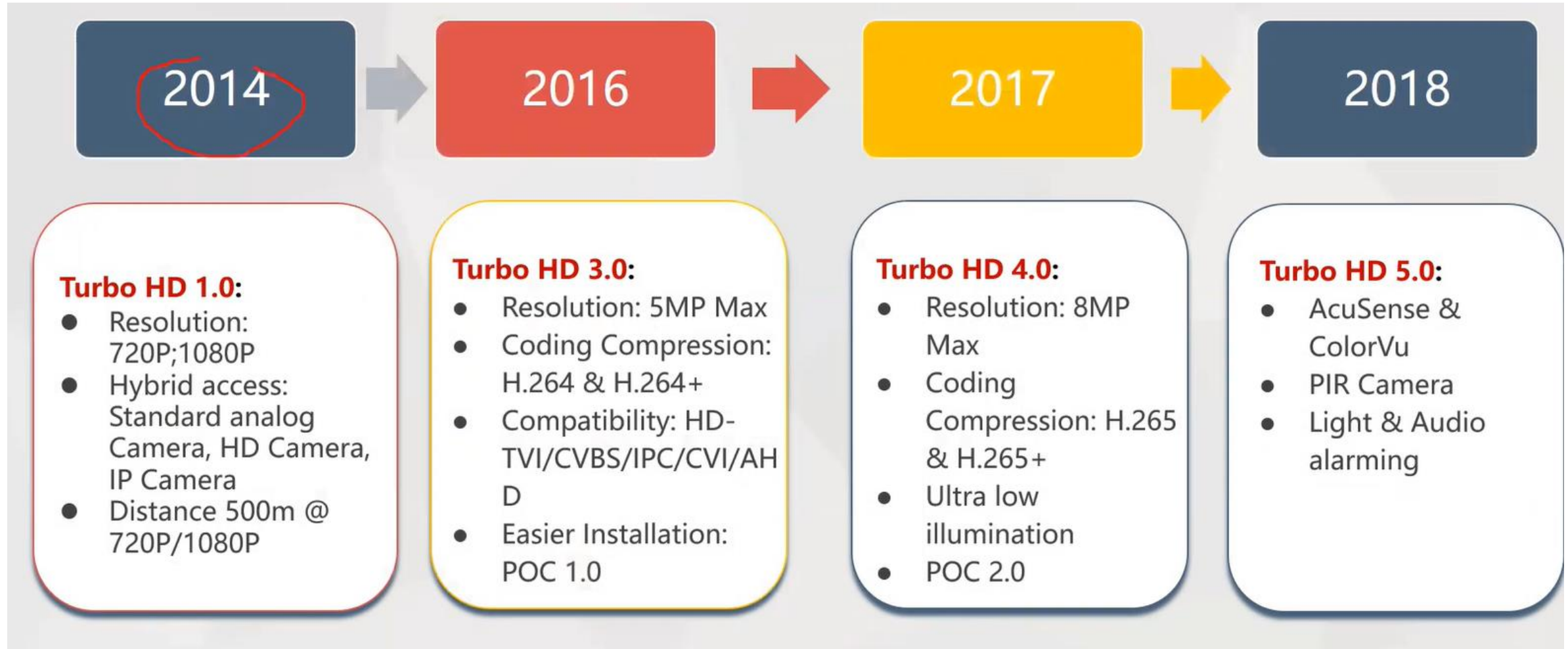
① **iDS** - ② **77** ③ **16** ④ **NX** ⑤ **I** - ⑥ **I** ⑦ **4** / ⑧ **16P** / ⑨ **S(B)**



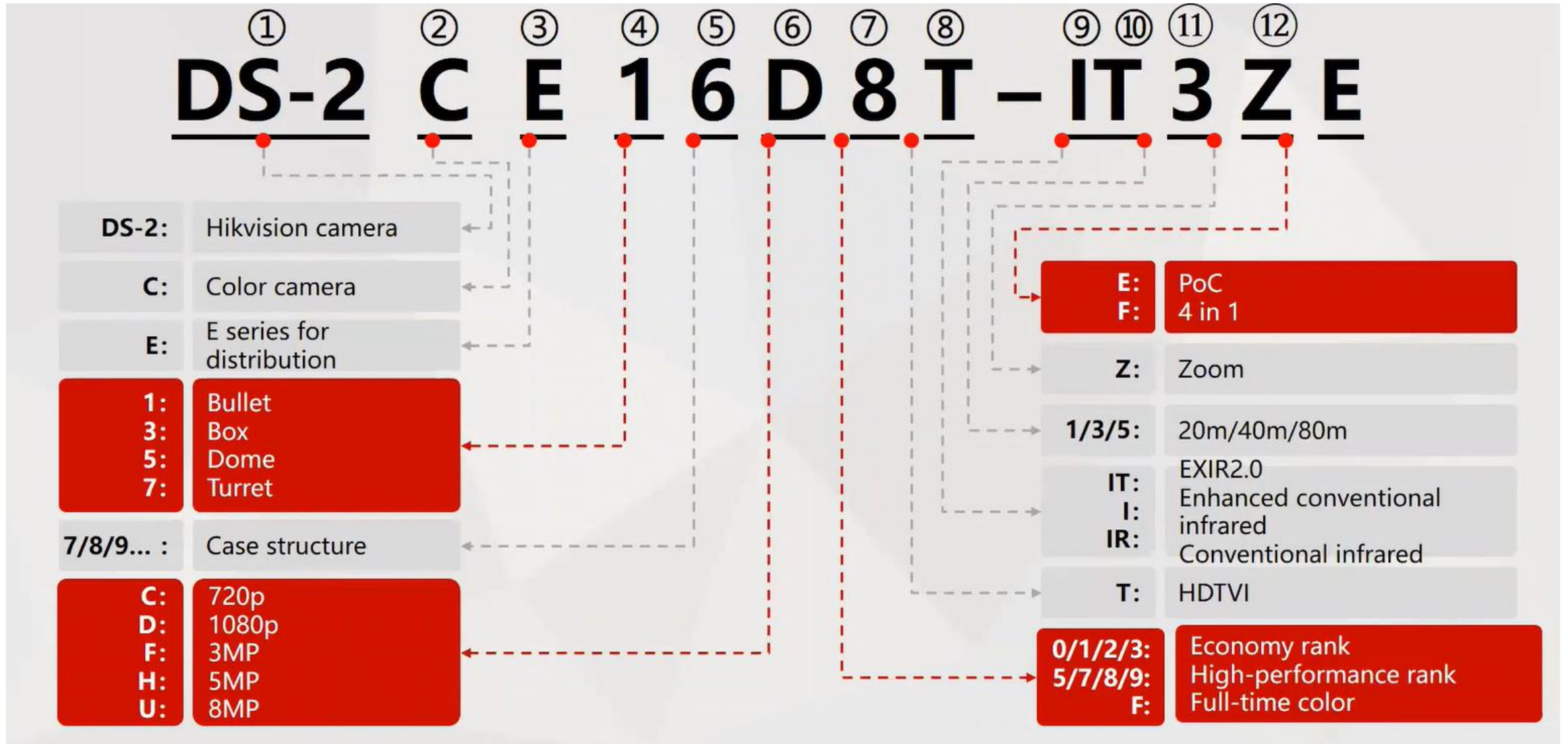
NVR



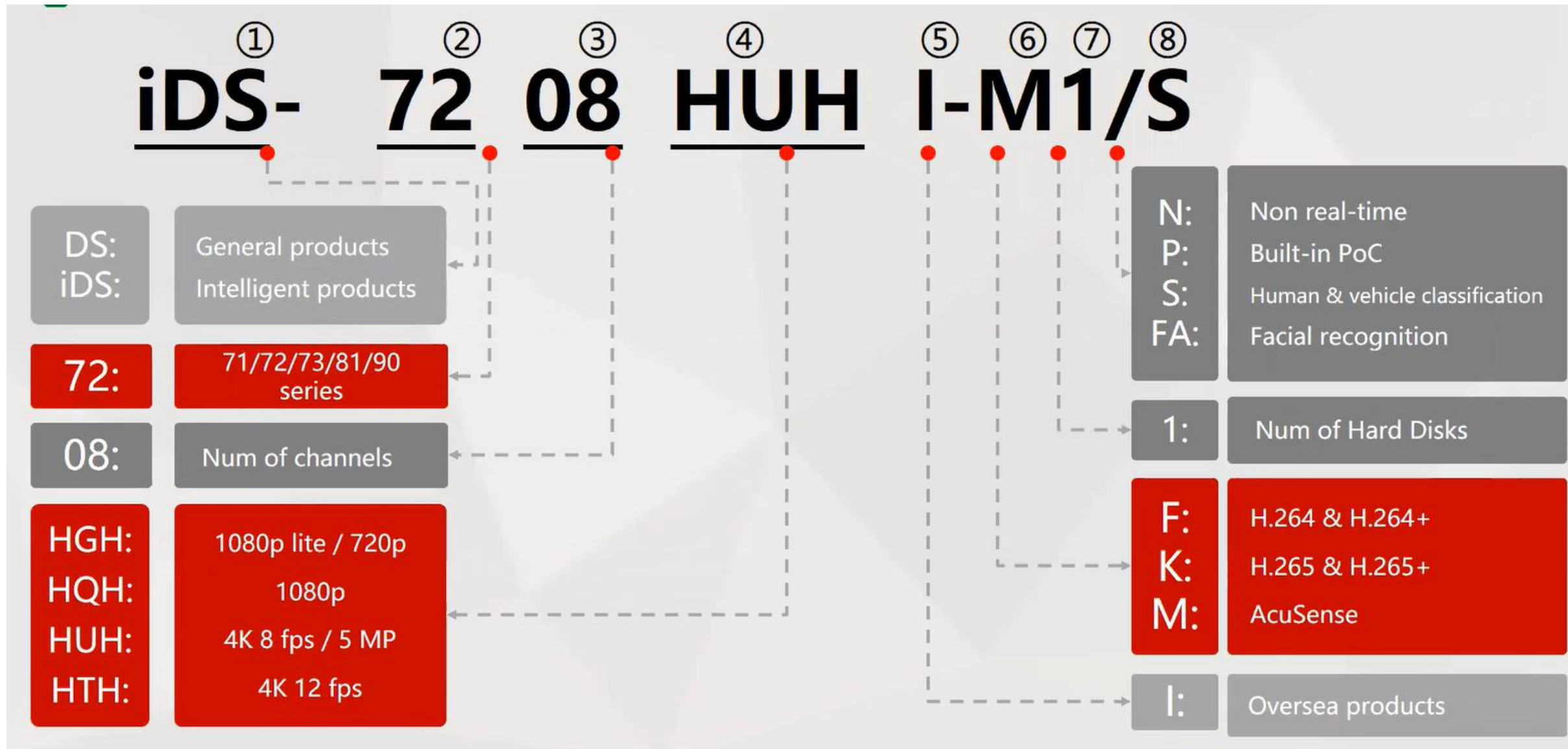
DVR-TurboHD 연혁



아날로그 카메라 (TVI)



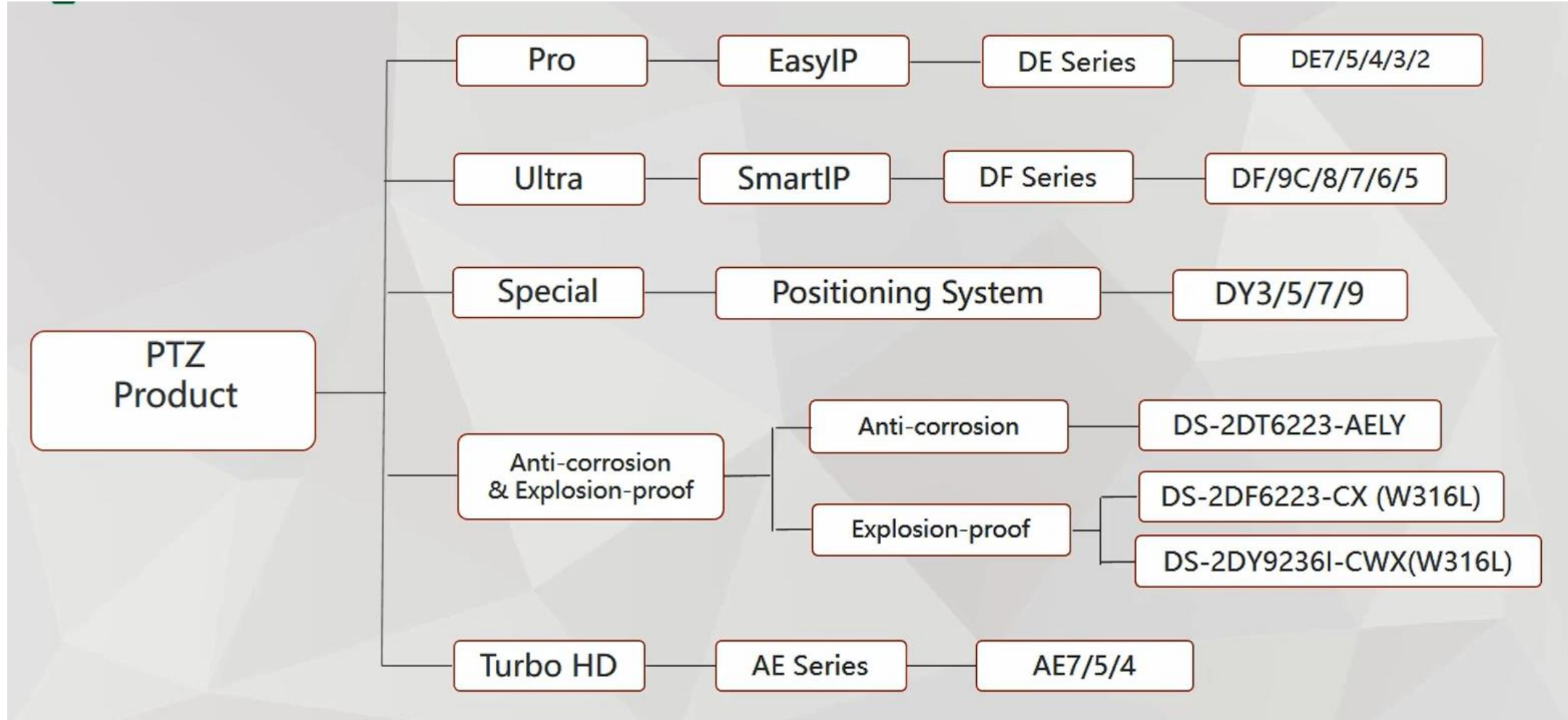
DVR



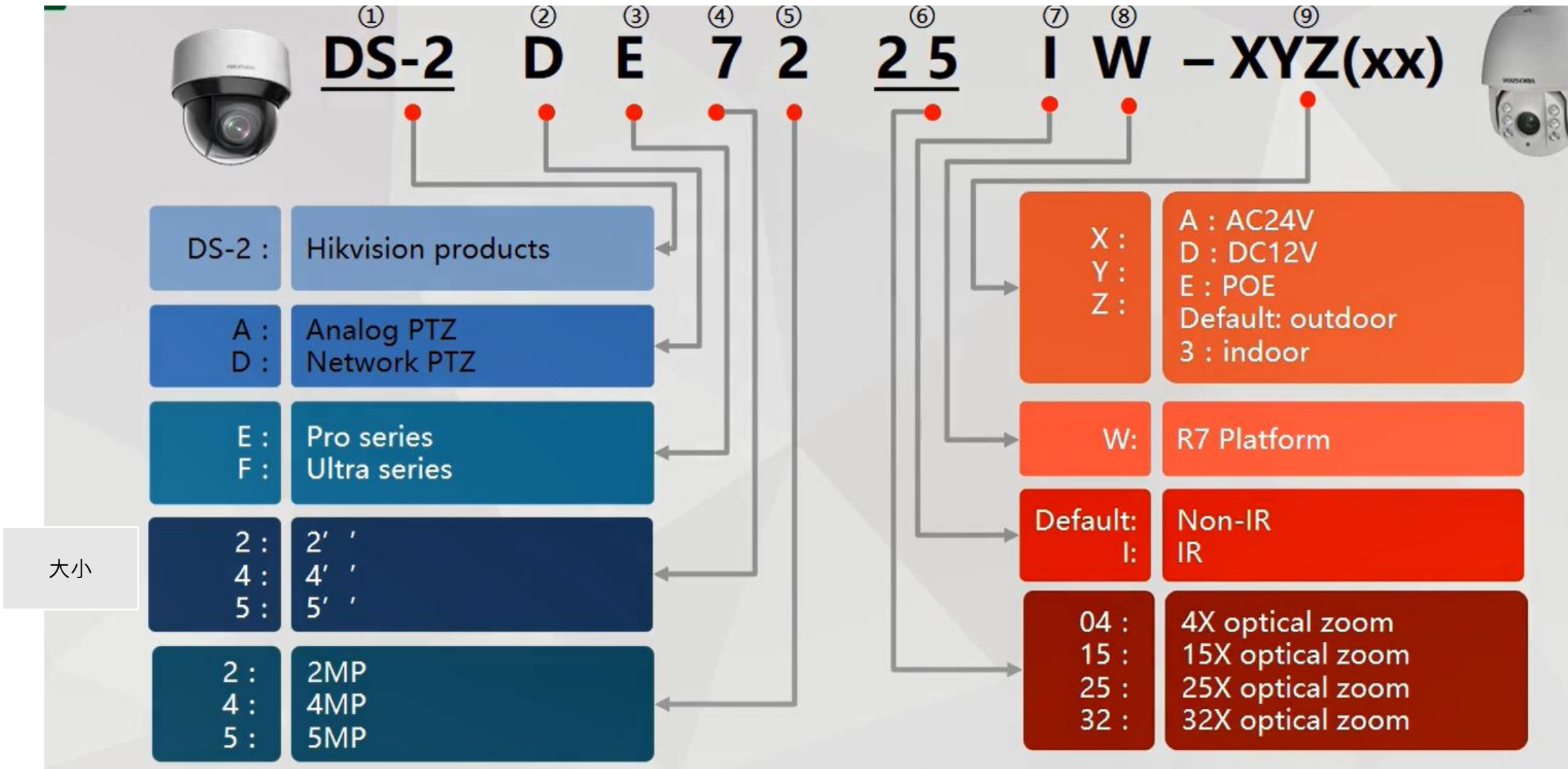
DVR

Turbo HD Camera NEW naming rule									
①	②	③	④	⑤	⑥	⑦	⑧		⑨
DS-2	C	E	1	6	D	8	T	—	IT3
Hikvision front-end product	Color camera	C: C series for project E: E series for distribution S: S series for special application	1: bullet 3: box 5: dome 7: turret	Fixed lens bullet: 16: bullet 14, bullet 32, bullet 22 (old structure) 10: bullet 42 (new structure) 12: bullet 43 (new structure) 17: bullet 38 (new structure) 13, 14, 15, 18: reserved number Fixed lens turret : 76: turret 14, turret 17, turret 30 78: turret 13 (old structure) 72: turret 20 70: turret 33 7P: turret + panorama 73, 74, 75: reserved number Fixed lens dome: 56: dome 10 (old structure) 57: dome 18 (old structure) 50, 52, 53, 54: reserved number Vari-focal bullet: 19: bullet 25 (old structure) Vari-focal turret: 79: turret 12 (old structure) 77: reserved number Vari-focal dome : 56: dome 16 (old structure) 59: dome 11 (old structure) 5A: 5A dome (old structure) 58: reserved number Box: 37: box 14 Cube: 38: cube	C: 720P D: 1080P H: 5 MP U: 8 MP	0,1,2,3: economic rank 5,8: ultra-low light 9: ultra-low light+ F: full-time color	T: HDTVI	—	Annotation: P: plastic M: metal VP: vandal-proof VF: vari focal IR: conventional infrared 10-20m IR3: conventional infrared 30-40m I: enhanced conventional infrared 20m I3: enhanced conventional infrared 30m IT/IT1: EXIR 2.0 20/30m IT2: EXIR 2.0 20-40m IT3: EXIR 2.0 30-60m IT5: EXIR 2.0 60-80m A: AC24V and DC12V F: 4 in 1 E: PoC Z: motorized lens H: heater PH: pinhole camera PIR: PIR detection L: lighting O: alarm out S: coaxial audio B: built-in balun C: eco X: strobe light alarm and audible alarm

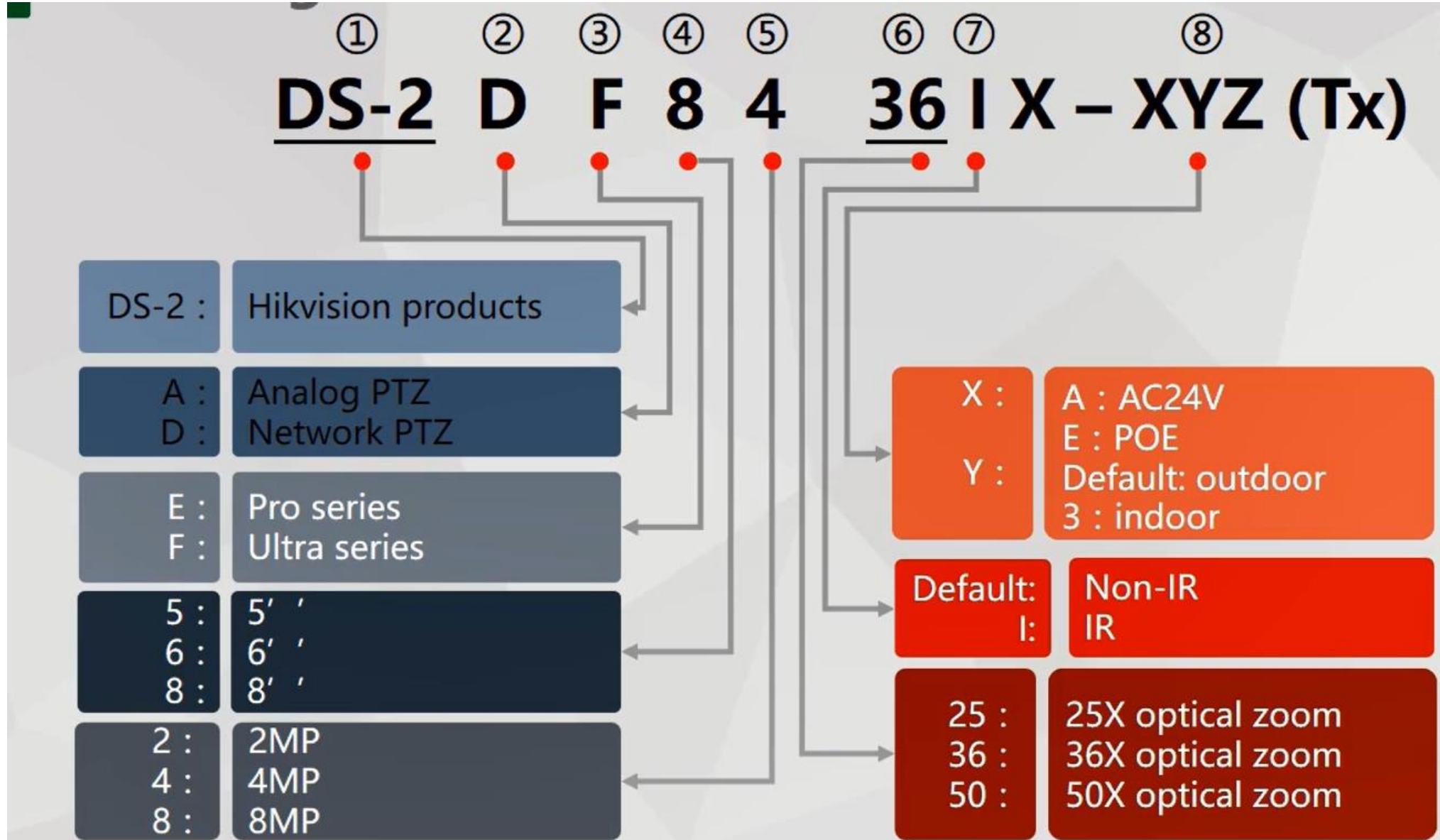
PTZ



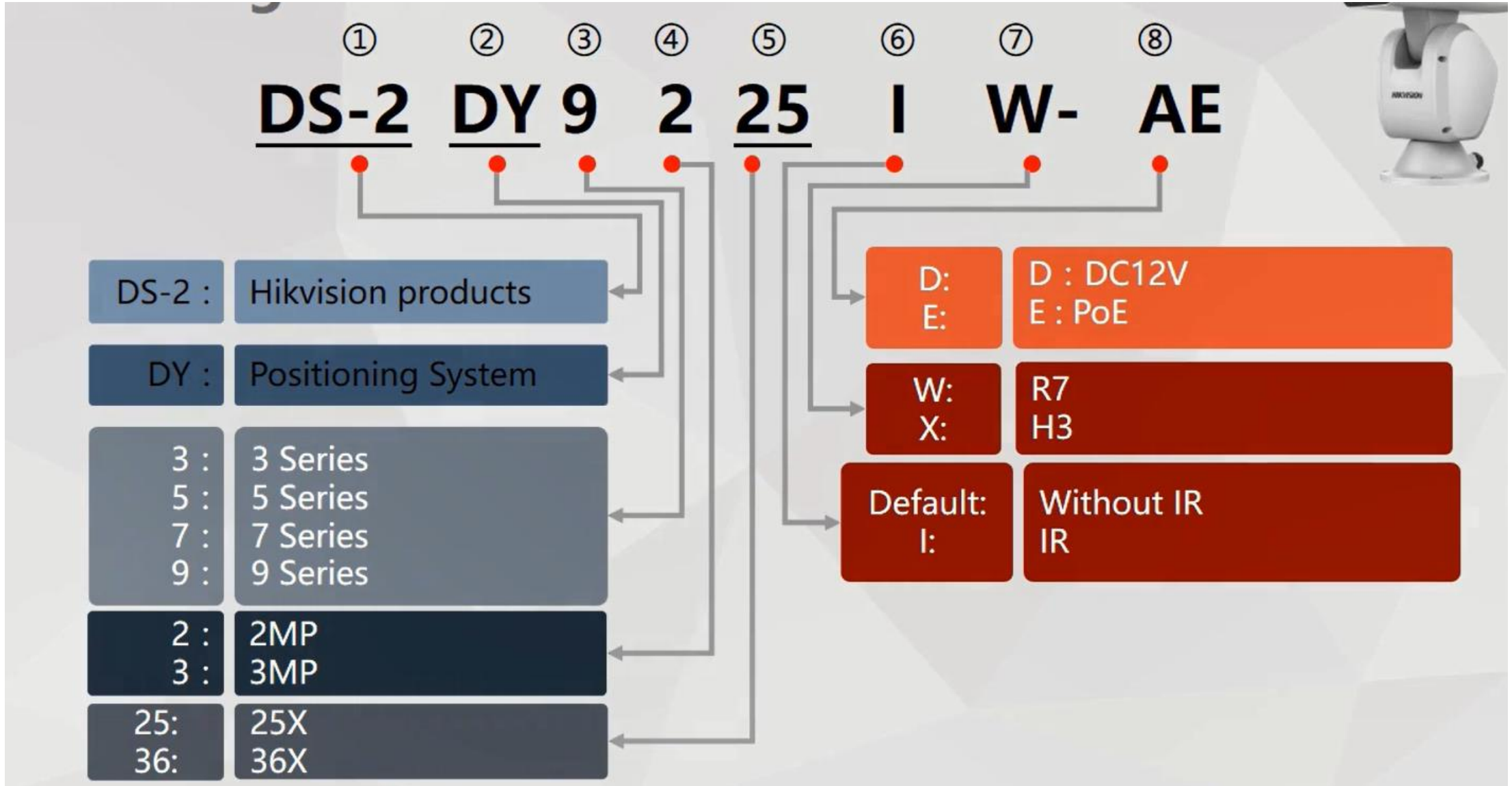
PTZ-DE



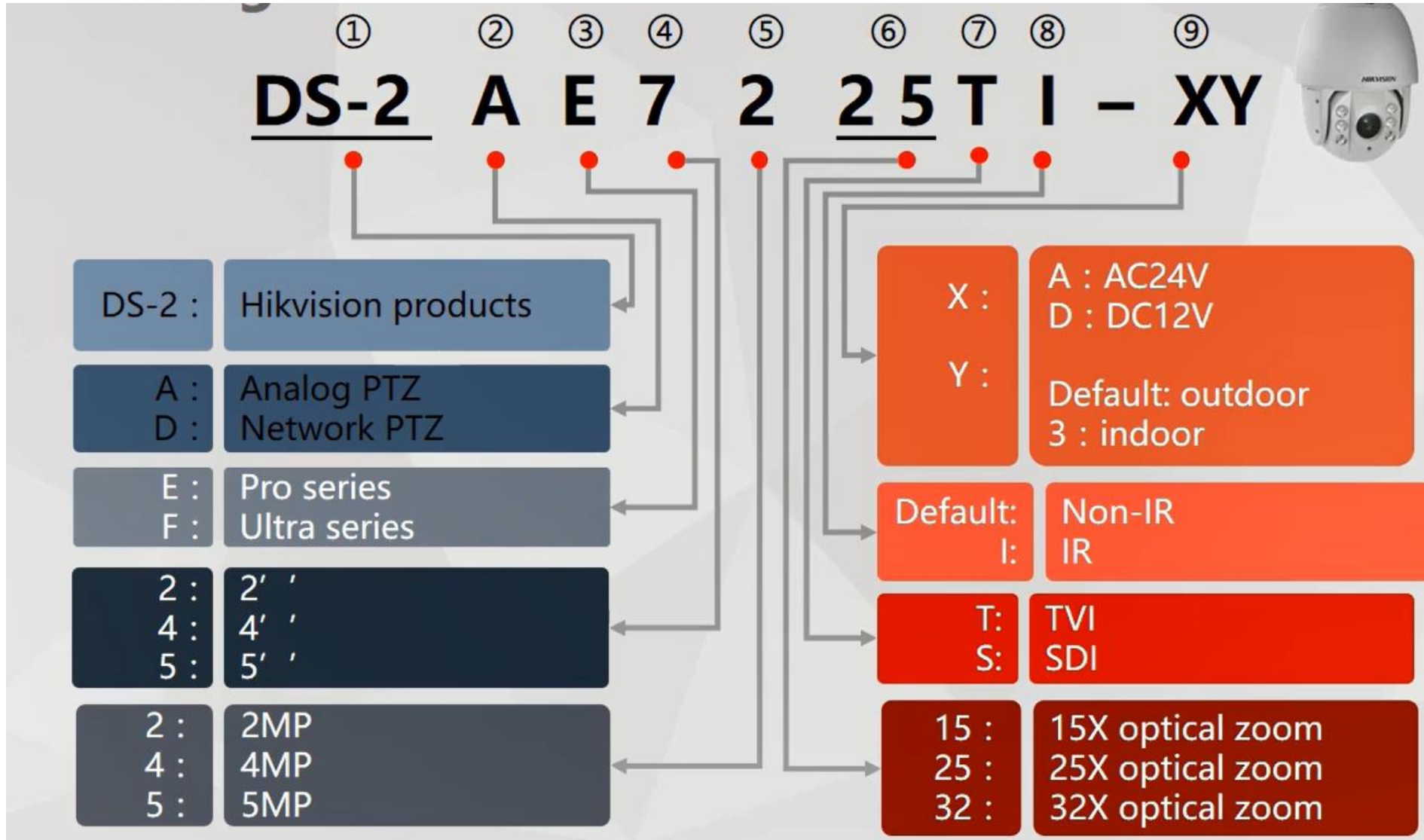
PTZ-DF



PTZ-DY



PTZ-방부식




Network Storage

➤ 인터페이스


HDD Introduction

HDD interface type


- IDE/ATA** IDE: Integrated Drive Electronics
ATA: Advanced Technology Attached
- SCSI** SCSI: Small computer system interface
- SATA** SATA: Serial Advanced Technology Attached
- SAS** SAS: Serial Attached SCSI




IDE



SCSI



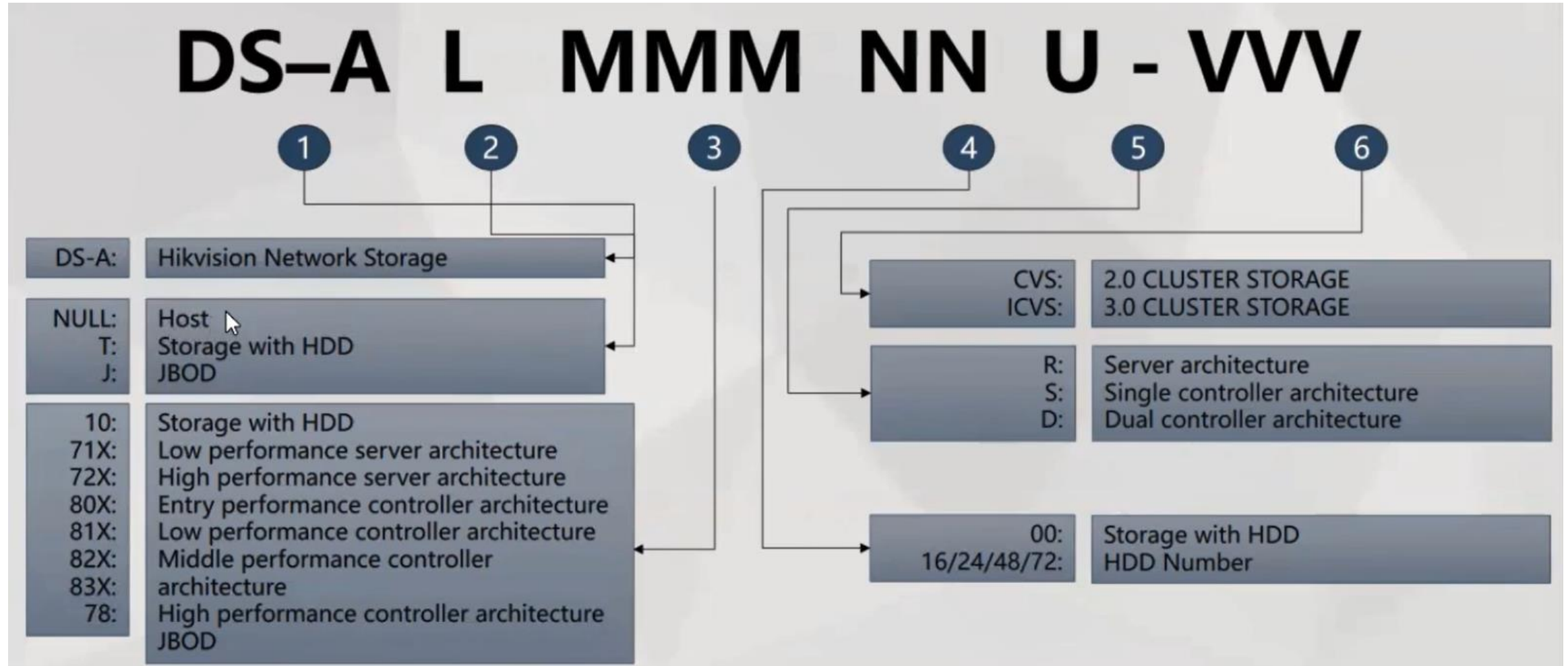
SATA



SAS

The diagram illustrates four types of HDD interfaces: IDE/ATA, SCSI, SATA, and SAS. Each interface is represented by a colored box with its name and a brief description. To the right of each box is a photograph of the corresponding hardware interface on a hard drive. IDE/ATA is shown as a long, flat interface with multiple connectors. SCSI is shown as a multi-bay interface with a complex connector. SATA is shown as a smaller, L-shaped interface. SAS is shown as a smaller, L-shaped interface with a different connector design.

Network Storage



Data Center

Solution of Safe City Projects: HCM + Full Analysis Server + Big Data Server + Cluster Storage

Full Analysis Server

Analysis of faces, human bodies,
vehicles and behavior

**United form of hardware and
software (recommend)**



DS-IF1032-03U/X
DS-IF1064-03U/X

**Separate form of hardware and
software**



DS-IF2003-A3H/NF
DS-IF2006-A3H/NF



DS-IF0100-AI



Fusion Big Data Server

Big data storage



DS-VBD1HH-UF/H
DS-VBD1HH-UH/H

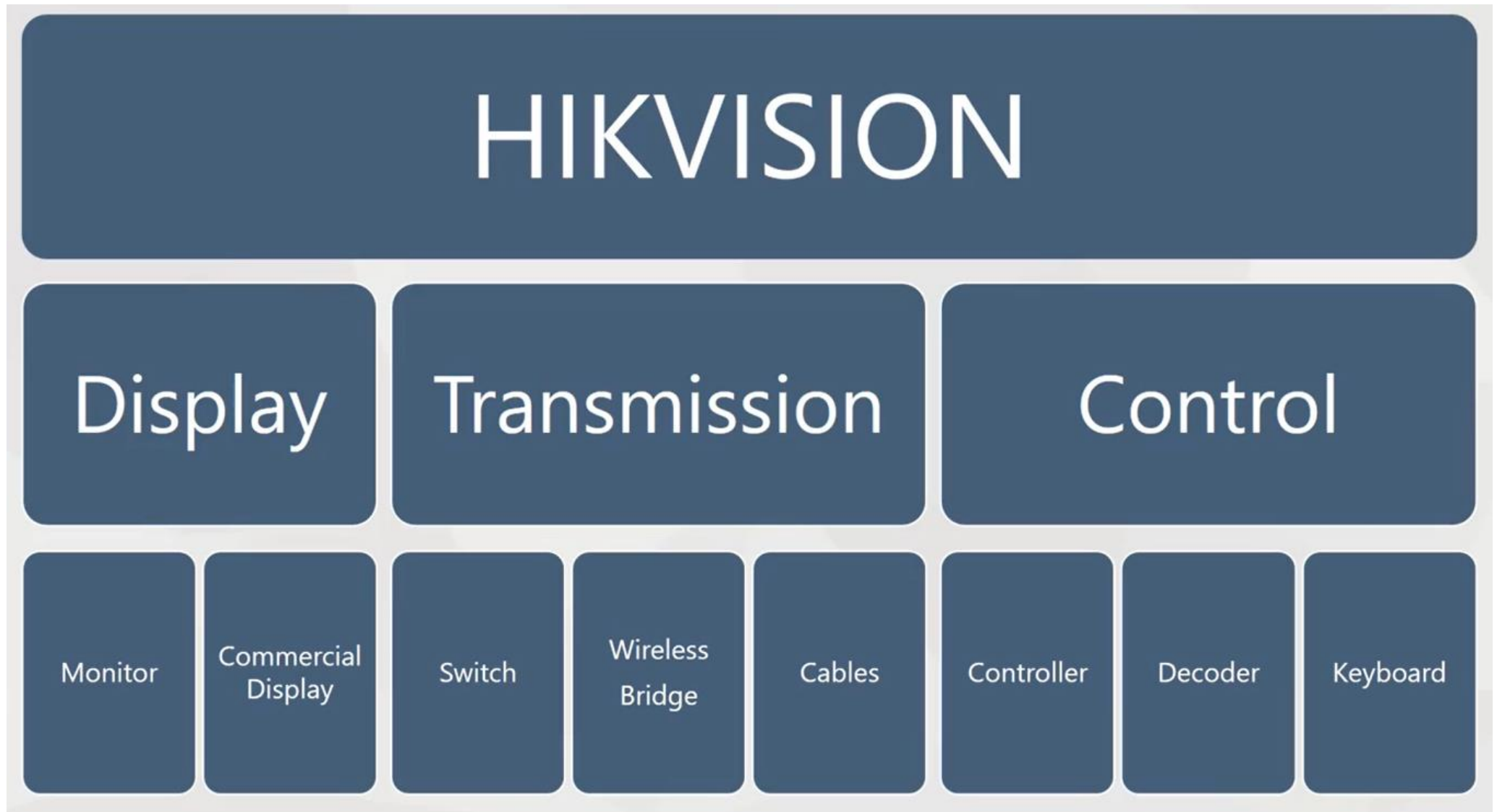
Data Center(main)

Analysis Performance		DS-IX2001-A3U/X	DS-IX2002-A3U/X	DS-IX2003-A3U/X	DS-IX2001-A7U/LX	DS-IX2002-A7U/LX
Facial analysis	alarm library	3 million pictures				
	Face videos	30 channels (2 MP) 12 channels (2 MP to 5 MP) 6 channels (5 MP to 8 MP)	60 channels (2 MP) 24 channels (2 MP to 5 MP) 12 channels (5 MP to 8 MP)	90 channels (2 MP) 36 channels (2 MP to 5 MP) 18 channels (5 MP to 8 MP)	40 channels (2 MP) 24 channels (2 MP to 5 MP) 16 channels (5 MP to 8 MP)	80 channels (2 MP) 48 channels (2 MP to 5 MP) 32 channels (5 MP to 8 MP)
	Face pictures	170 pieces/second	340 pieces/second	510 pieces/second	128 pieces/second	256 pieces/second
Video structuralization	Human body and vehicle videos	25 channels (2 MP) 16 channels (2 MP to 5 MP) 8 channels (5 MP to 8 MP)	50 channels (2 MP) 32 channels (2 MP to 5 MP) 16 channels (5 MP to 8 MP)	75 channels (2 MP) 48 channels (2 MP to 5 MP) 24 channels (5 MP to 8 MP)	32 channels (2 MP) 24 channels (2 MP to 5 MP) 16 channels (5 MP to 8 MP)	64 channels (2 MP) 48 channels (2 MP to 5 MP) 32 channels (5 MP to 8 MP)
	Human body and vehicle pictures	60 pieces/second	120 pieces/second	180 pieces/second	80 pieces/second	160 pieces/second
Data storage	Structured data storage	30 million	50 million	50 million	10 million hot data and 30 million cold data	20 million hot data and 60 million cold data
	Picture storage	30 million	50 million	50 million	40 million	80 million
	List library	10 million (including 3 million alarm library)			3 million (including 3 million in alarm library)	

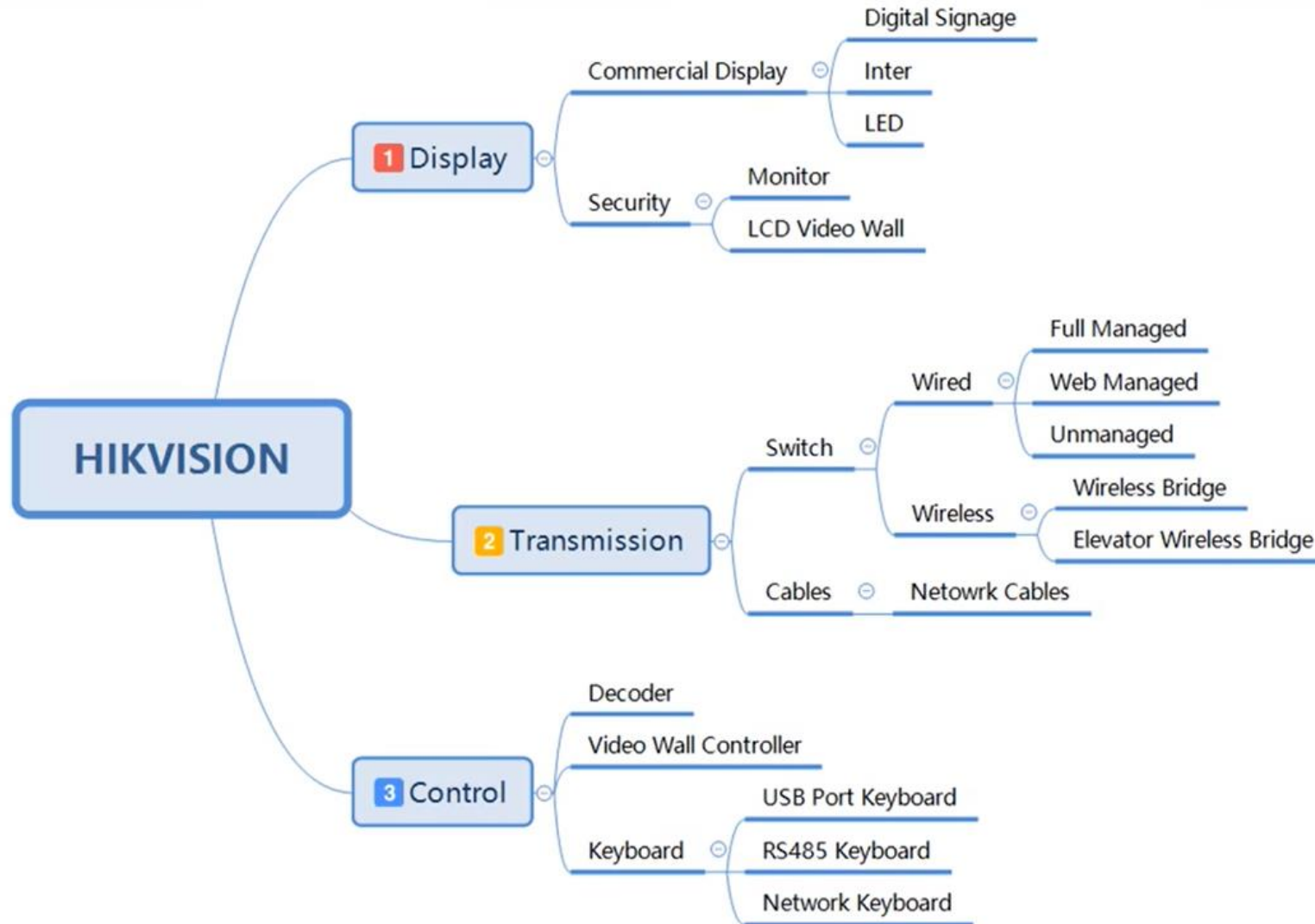
*The analysis of face pictures, face videos, human body and vehicle pictures, and human body and vehicle videos are exclusive performance.

*For the same video stream, different algorithm analysis tasks can be assigned at the same time

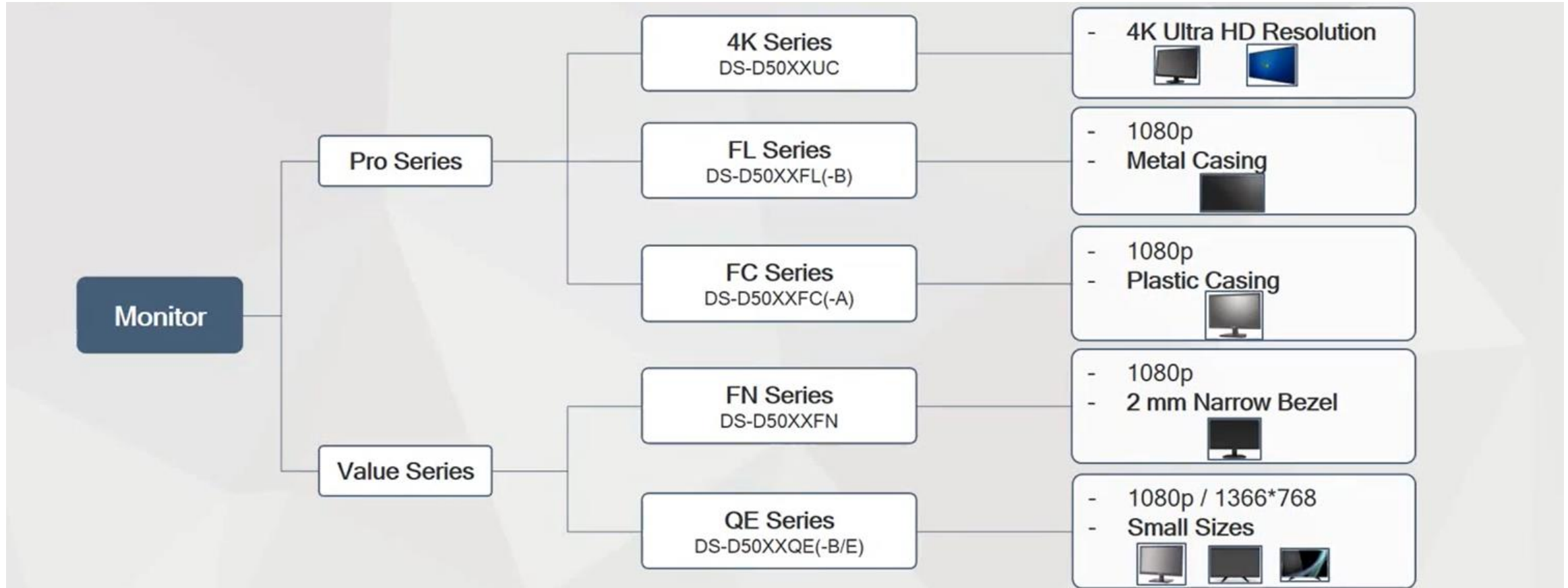
Display, Transmission, Control



Display, Transmission, Control



Monitor



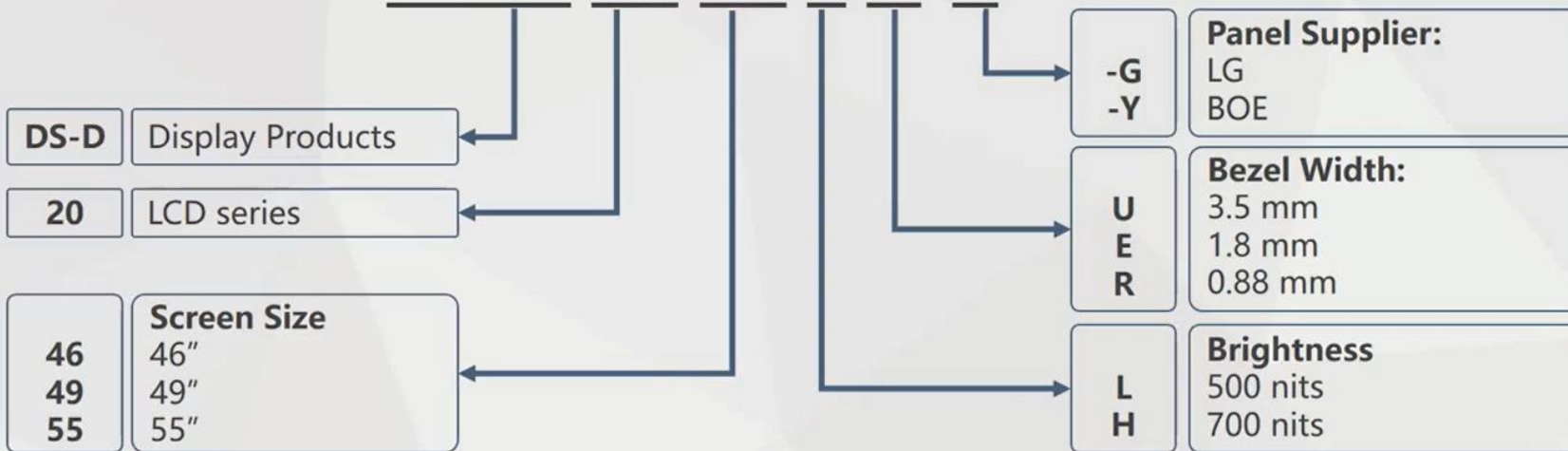
①	②	③	④	⑤	⑥
DS-D	50	55	F	L	-B
Display Products	50: Monitor	19: 19" 22: 22" 24: 24" ...	F: Full HD U: Ultra HD 4K Q: Economic	L: Metal casing C: Plastic casing E: Economic N: Narrow bezel	-B: 2nd generation

LCD

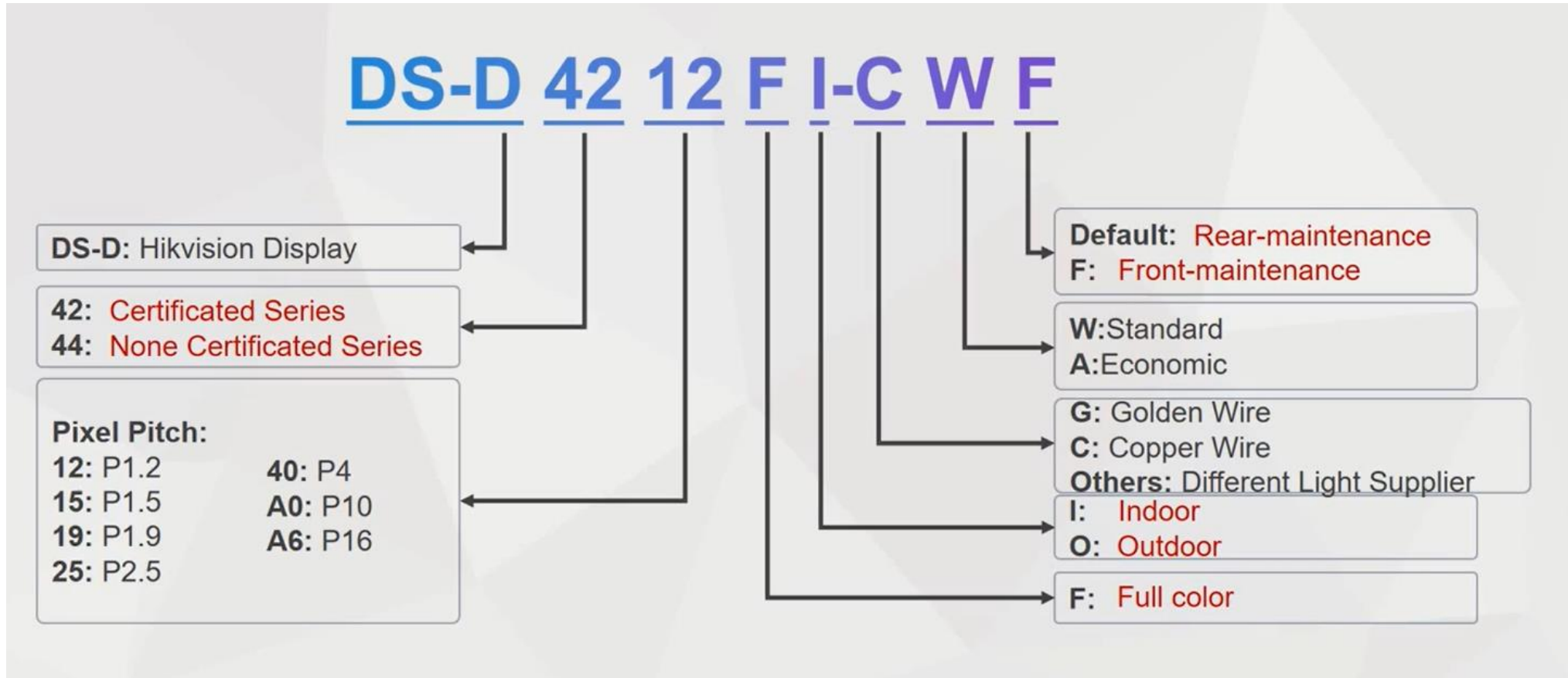


LCD- Naming Rule & Product Family

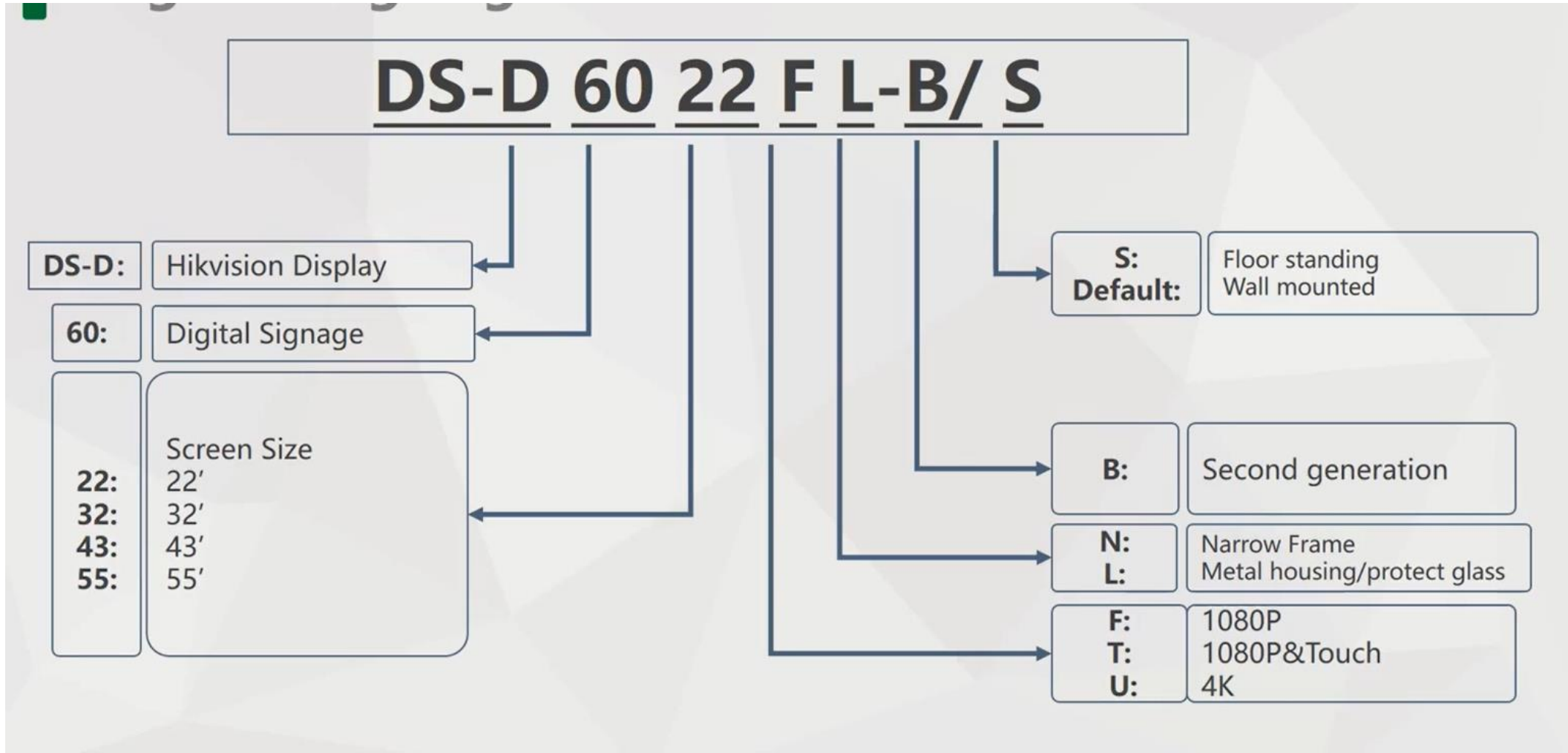
DS-D 20 46 L U-Y



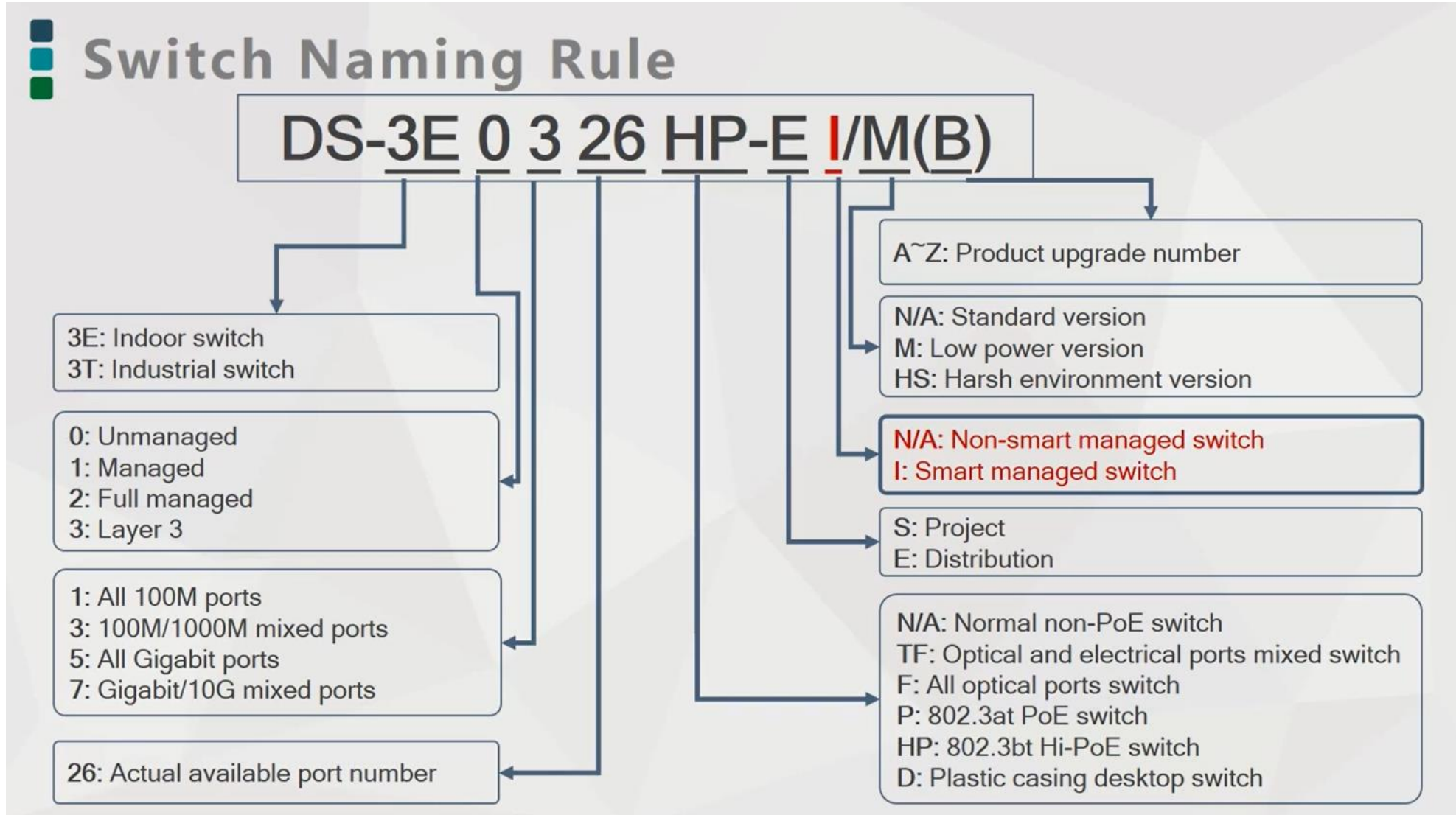
LED



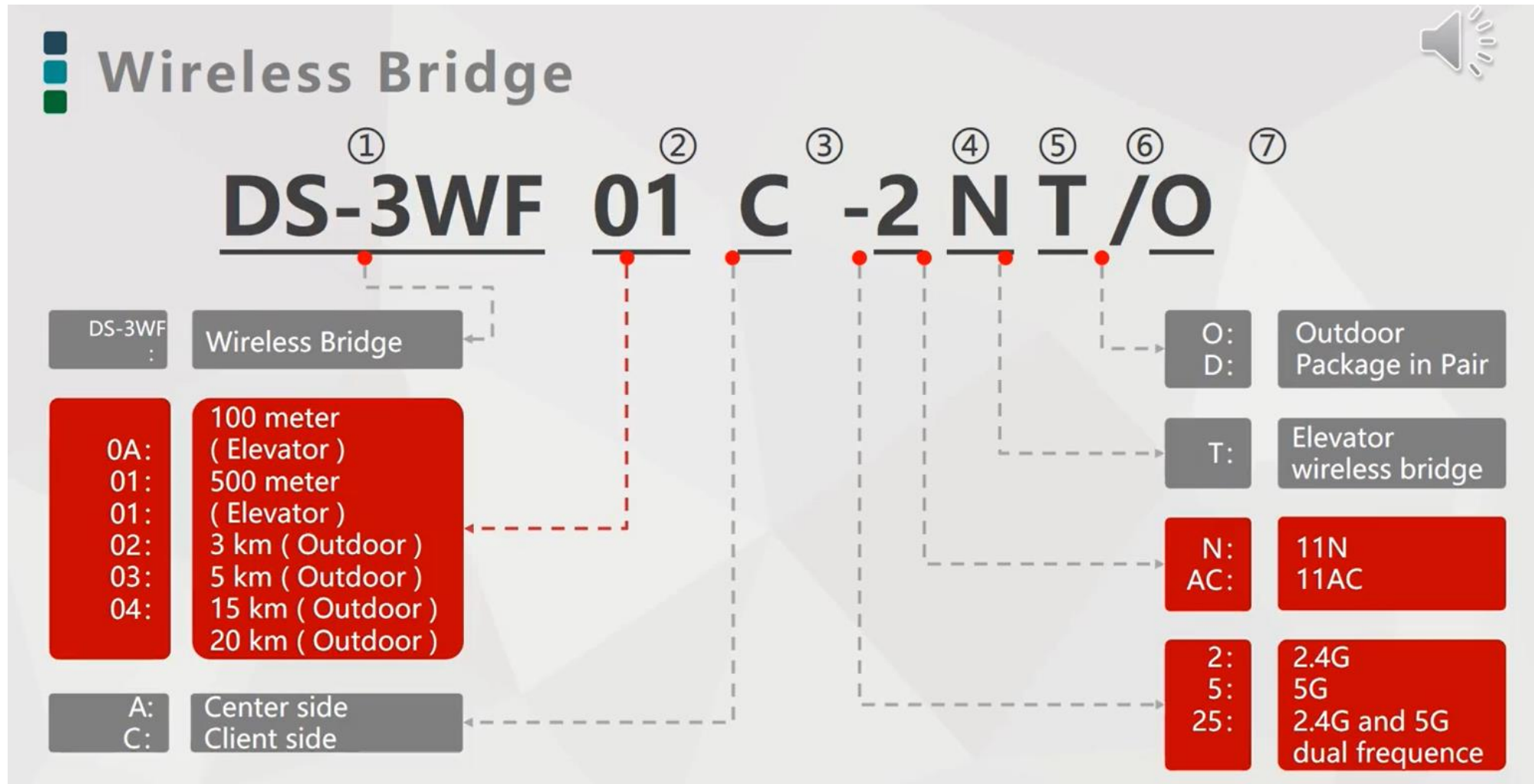
Signage



Switch




Wireless Bridge



Decoder



Video Wall



Max. **144** screens

DS-C10M-S34

16 input slot, 18 output slot

DS-C10M-S50

32 input slot, 18 output slot


DS-C10M-S68

32 input slot, 36 output slot

Accessories

- **Input Board, ≤1920x1200:**
 DS-C10M-DI4 4-ch DVI
 DS-C10M-VI4 4-ch VGA
 DS-C10M-HI4 4-ch HDMI
- **Input Board, ≤ 3840x2400@30 or 2560x1600@60:**
 DS-C10M-DPI2 2-ch DP
- **Output Board, ≤ 1920x1200:**
 DS-C10M-DO4 4-ch DVI
 DS-C10M-HO4 4-ch HDMI

! C10S is expected to be replaced by **C30S** in October 2021



Max. **40** screens

DS-C10S-S11T

6 input slot, 5 output slot

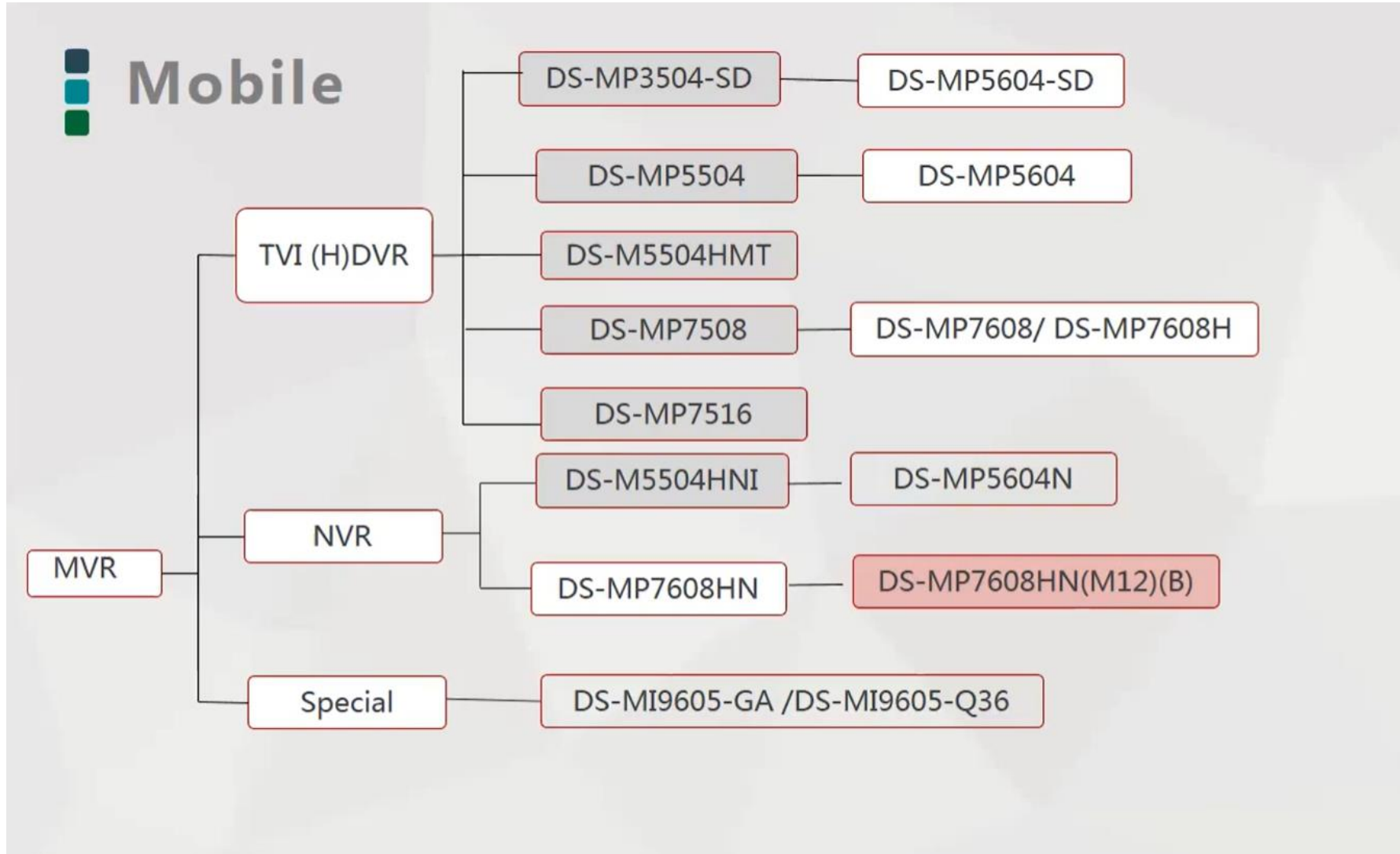
DS-C10S-S22T

12 input slot, 10 output slot

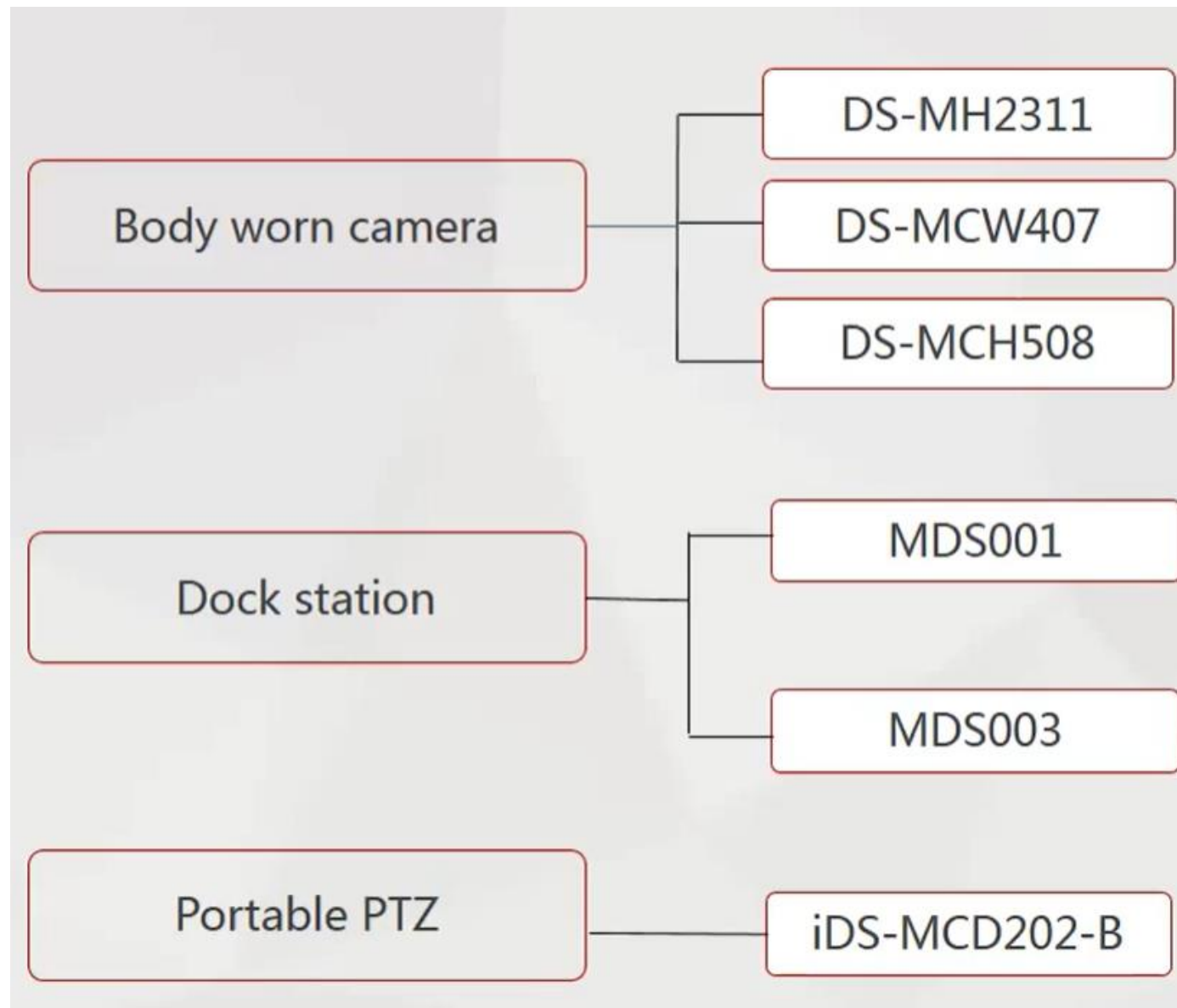
Accessories

- **Input Board, ≤ 1920x1200:**
 DS-C10S-DI4T 4-ch DVI
 DS-C10S-VI4T 4-ch VGA
 DS-C10S-HI4T-HD 4-ch HDMI
- **Input Board, ≤ 3840x2160:**
 DS-C10S-HI2T-4K - 2-ch HDMI
- **Output Board:**
 DS-C10S-VO4T 4-ch VGA ≤ 1290x1200
 DS-C10S-DO4T 4-ch DVI ≤ 1920 x 1200
 DS-C10S-HO4T 4-ch HDMI ≤ 3840 x 2160@30
- **Decoding Board:**
 DS-C10S-DI4T-decode 4-ch 1080P

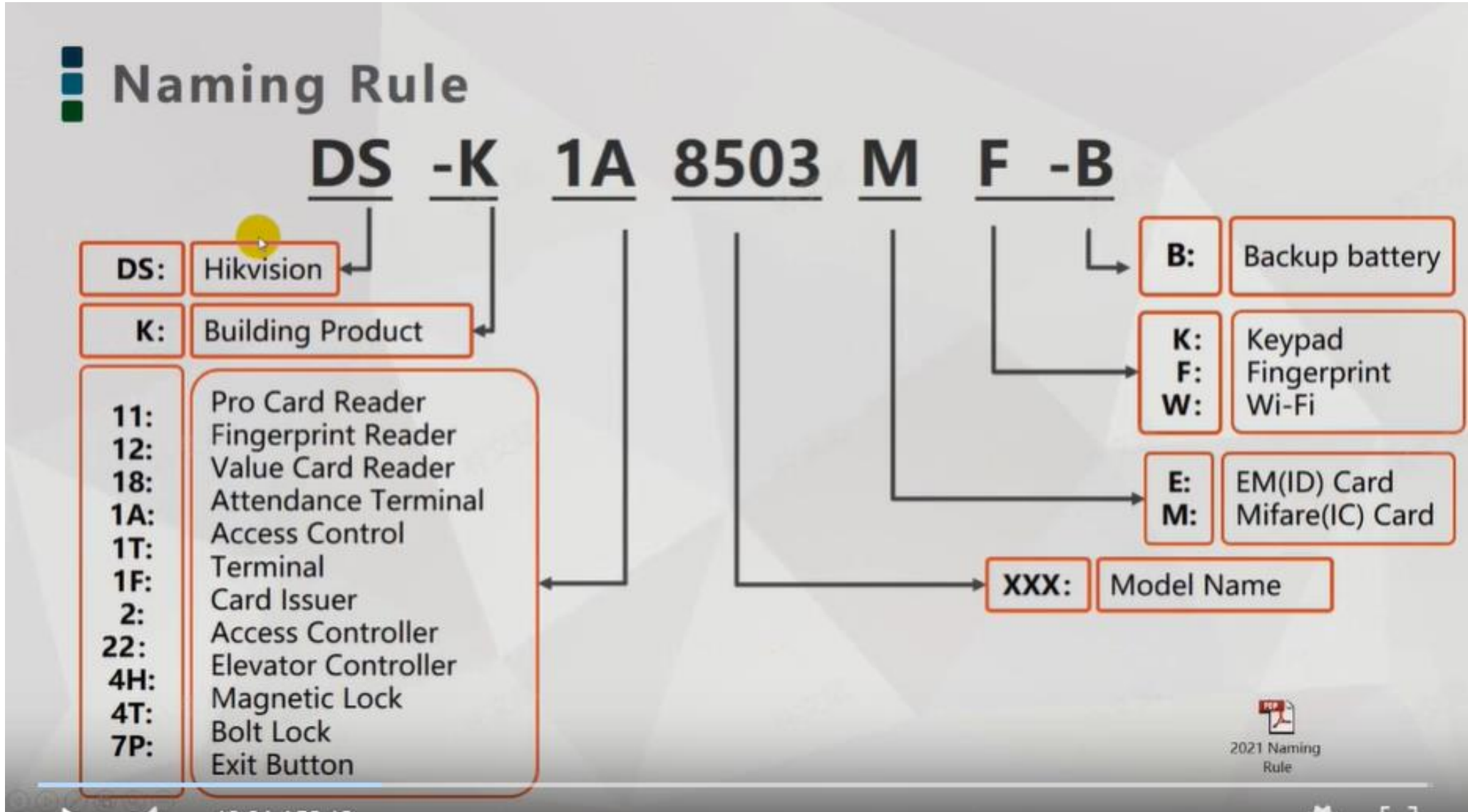
MVR



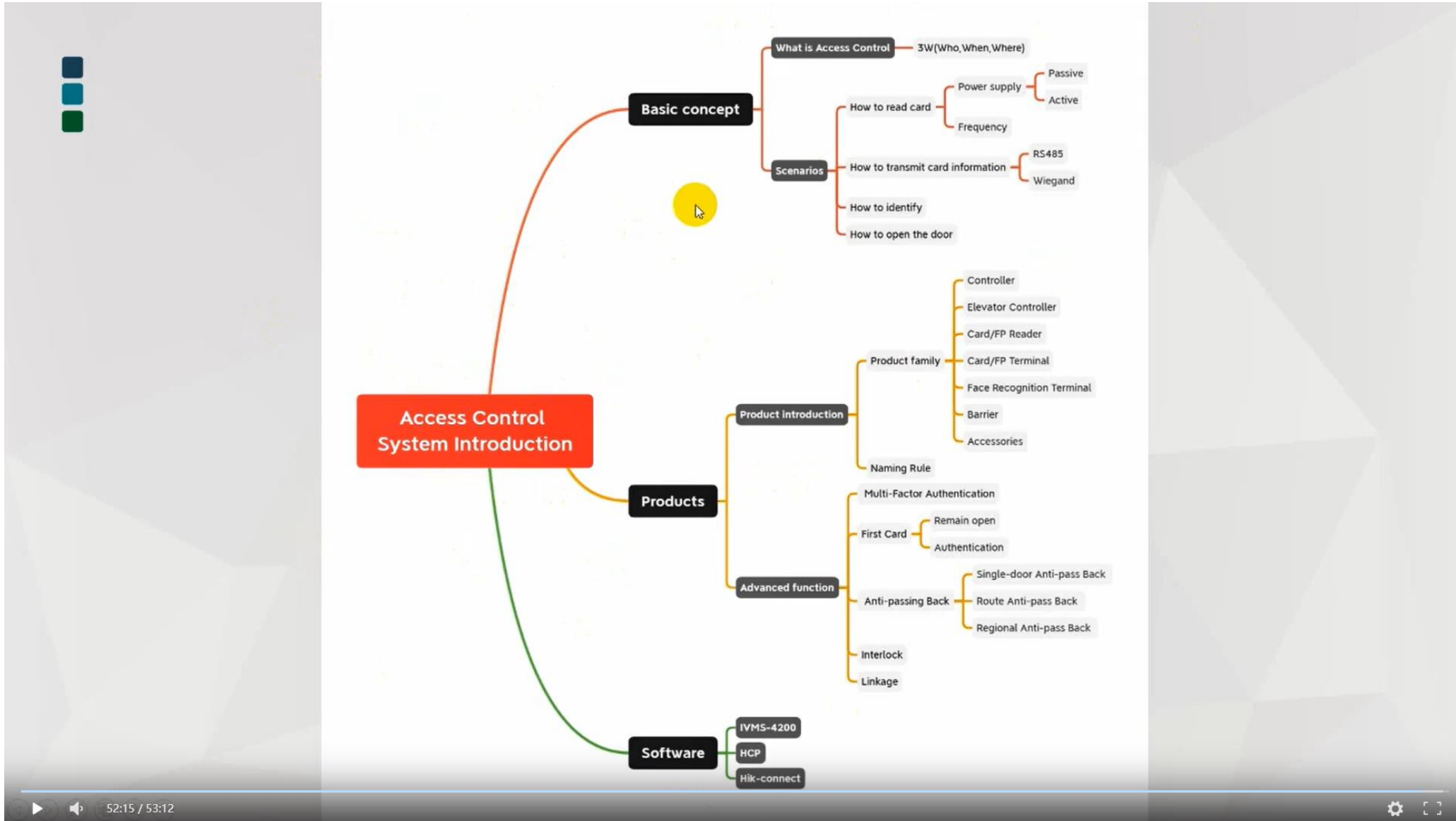
MBR



MBR

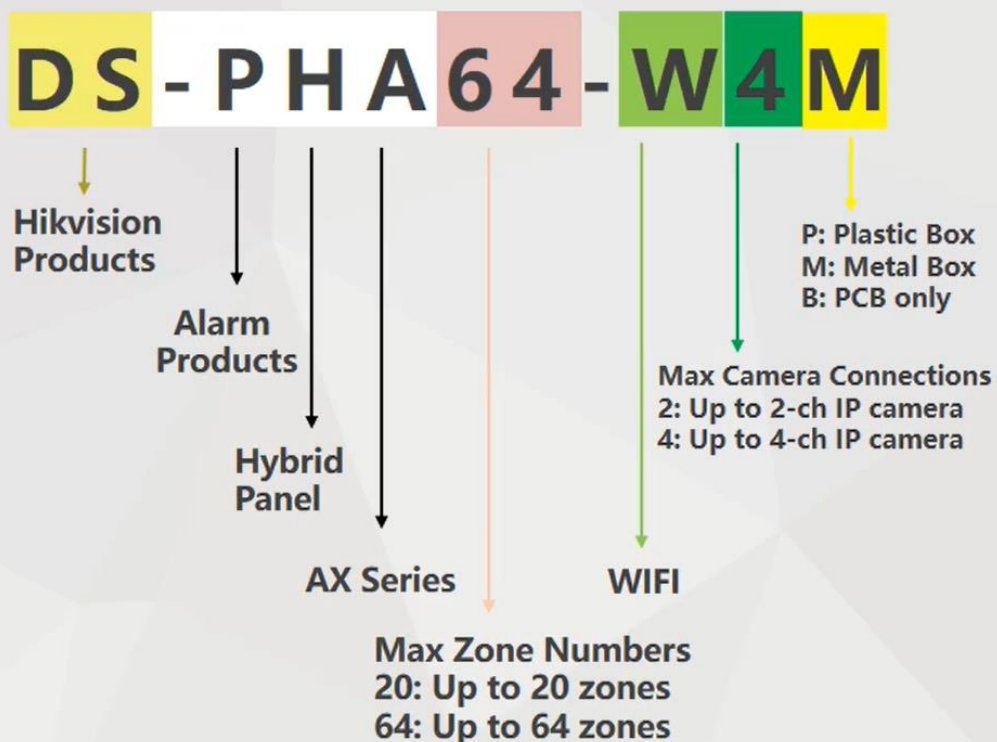


Access Control



AX

Naming Rule



Available Models:

- DS-PHA20-P
- DS-PHA20-M
- DS-PHA64-M
- DS-PHA20-W2P
- DS-PHA20-W2M
- DS-PHA64-W4M
- DS-PHA20-B
- DS-PHA64-B
- DS-PHA20-W2B
- DS-PHA64-W4B

E.g.: DS-PWA20-W2P

AX hybrid panel with plastic box, supports up to 20 zones, supports WIFI and 2 IP camera.

Video Intercom



Thermal

Naming Rule

Thermal Security Camera																	
Brand		Product Type	Form Factor	Classification	Resolution	Detector	Thermographic Function	Thermal Focal Lens	Available for Positioning System and Stable PTZ Camera only			Additional Functions	Platform Version	Additional Functions			
DS	-	2	T	6	2	3	7	T	-	25	H	2	L	X	/W	A	
Hikvision		TD: Thermal Security Camera	1: Turret Camera	1: Thermal-Only Turret Camera 2: Thermal & Optical Bi-spectrum Turret Camera	1: 160x120 2: 256x192 3: 384x288 6: 640x512	6: 17 μm Detectors 7: 17 μm HIKMICRO Detectors 8: 12 μm Detectors	T: Accurate Thermographic Series (-20 - 550°C; max(±2°C, ±2%))	2: 1.8 mm 3: 3.1 mm 4: 4 mm(V1) 4: 4.4 mm(P/VP) 6: 6.2 mm 7: 6.3 mm(P:640x512) 7: 6.5 mm(P:384x288) 7: 7 mm(V1/VP) 9: 9.3 mm 10: 9.7 mm 15: 15 mm 25: 25 mm 35: 35 mm 50: 50 mm 75: 75 mm 100: 100 mm 150Z: 30-150 mm 180Z: 45-180 mm 190Z: 36-190 mm 230Z: 23-230 mm (Z: zoom)	6x Positioning System H: 5.7-205.2mm, 36x(/V2) C: 6.7-330mm, 49x(/V2) H: 6-240 mm, 40x (/W) C: 6-336 mm, 56x (/W)	Optical Resolution 2: 2MP 4: 4MP	L: Supplement light F: Optical Defog	X: Explosion Proof	/X: E7 Platform for Box Camera /V: H3 Platform for Cube Camera /V1: H3 Platform for Cube Camera/Box Camera /VP: H3 HEOP Platform /P: H7 Platform /P is an upgrade of /V1 /Q: G5 Platform	A: Strobe Light and Audio Alarm I: Connector Panel Y: Anti-corrosion painting, NEMA 4X			
			2: Bullet Camera	0: Box Camera 1: Thermal-Only Bullet Camera 3: Thermal-Only Long Range Bullet Camera 4: Thermal-Only Special Bullet Camera 6: Thermal & Optical Bi-spectrum Bullet Camera 8: Thermal & Optical Bi-spectrum Long Range Bullet Camera													
			3: Cube Camera	0: Thermal & Optical Cube Camera 1: Thermal-Only Cube Camera 2: Separated Camera													
			4: Speed Dome	1: 8-inches Thermal & Optical Bi-spectrum Speed Dome 2: 5-inches Thermal & Optical Bi-spectrum Speed Dome													
			6: Positioning System	1: first generation Thermal & Optical Bi-spectrum positioning system 2: second generation Thermal & Optical Bi-spectrum positioning system 5: Explosion-proof Thermal & Optical Bi-spectrum positioning system													
			8: Stable PTZ Camera	1: first generation Thermal & Optical Bi-spectrum Stable PTZ Camera													