

Comparison Chart

Model	PN1A-16X16F	PN3A-16X16F	PN3A-32F	PN3A-64F
Chipset	Hi3536	Hi3535A	Hi3559A	Hi3536+Hi3559A
Harddrive	4HDD	4HDD up to 18TB	4HDD up to 18TB	8HDD up to 18TB
Network Cards	1000Mx1	1000Mx2	1000Mx2	1000Mx2
eSATA Support	N/A	1- Single Drive, up to 18TB, for Recording Only	1- Single Drive, up to 18TB, for Recording Only	1- Single Drive, up to 18TB, for Recording Only
USB	1*USB3.0(back) 1*USB2.0(front)	1*USB3.0(back) 2*USB2.0(1*front+1*back)	USB 2.0 × 2, USB 3.0 × 1	USB 2.0 × 2, USB 3.0 × 1
HDMI	1*4K	1*4K+1*1080P	1*4K+1*1080P	1*4K+3*1080P
Liveview & Playback Decoding Ability	8MP 30fps/12MP 20fps	8MP 30fps/12MP 25fps	16MP 30FPS(in future FW)	16MP 30FPS(in future FW)
Live preview output rule	Main Output: max 32 Chs Secondary Output:max 16 Chs	Dual Output Mode (Default): Supports dual HDMI. HDMI 1 Split Screen Option: 1/4/6/8/9/13/16/25/32, HDMI 2 Split Screen Option: 1 / 4 Supports up to 12MP resolution views, Live/Playback AI Mode: Supports single HDMI. HDMI 1 Split Screen Option: 1/4/6/8/9/13/16/24, HDMI 2: NOT AVAILABLE Supports up to 8MP resolution views, Live/Playback Supports AI Third-Party ONVIF Face Recognition, Human Vehicle Classification	Dual Output: Supports dual HDMI. HDMI 1 Split Screen Option: 1/4/6/8/9/13/16/25/32/36, HDMI 2 Split Screen Option: 1/4/6/8/9/16 Supports up to 12MP resolution views, Live/Playback	Display Mode (Display): Supports quad HDMI. HDMI 1 Split Screen Option: 1/4/6/8/9/13/16/25/32/36/64 HDMI 2: 1/4/6/8/9/13/16/25/32 HDMI 3: 1/4/6/8/9/13/16/25/32 HDMI 4: 1/4/6/8/9/13/16/25/32 Supports up to 12MP resolution views, Live/Playback Network Mode: Supports quad HDMI. HDMI 1 Split Screen Option: 1/4/6/8/9/13/16/25/32/36/64 HDMI 2: 1/4/6/8/9/13/16/25/32 HDMI 3: 1/4/6/8/9/13/16 HDMI 4: 1/4/6/8/9/13/16 Supports up to 12MP resolution views, Live/Playback
Display Output	HDMI × 1 VGA × 1	HDMI × 2 VGA × 1	HDMI × 2 VGA × 1	HDMI × 4 VGA × 1
Output from different source	√	√(dual HDMI at non AI mode)	√	√
Resolution	1024*768 1280x1024 1920x1080 3840x2160 (30) 3840x2160 (60)	1024*768 1280x1024 1920x1080 3840x2160 (30)	1024*768 1280x1024 1920x1080 3840x2160 (30) 3840x2160 (60)	1024*768 1280x1024 1920x1080 3840x2160 (30) 3840x2160 (60)
POE Power Management	x	√	NA	NA
POE Power Output	AF-15W	AT-30W	NA	NA
Face Picture Database	5,000	10,000	10,000	10,000
Face Comparison Channel	32	6 (All Channel supports face video search by FR IPC; 6 Channels support real time Face Comparison)	16ch support real time comparison	16ch support real time comparison
Face Detection Channel at NVR side	0	2	4	4
Face Comparison Capability	3 snapshots/second	18 snapshots/second	36 snapshots/second	36 snapshots/second
Human/Vehicle Classification Channel By ONVIF	0	2	4	4
License Plate Database	1,000	50,000	50,000	50,000
Fisheye dewarping	√	x	√	√