

 **LILIN**<sup>®</sup>



# AHD Product Selector





### 1080P AHD Camera

- Video Output: AHD 1080P / AHD 720P
- AHD cameras transmit data that is not encoded resulting in no process, no delay real time and complete transmission.
- Long transmission distance – Coaxial cable (3C/5C) : 300M
- Seamless compatibility with the standard analog equipment
- Automatically activates IR LED: Below 10Lux
- High efficiency IR LED, radiant distance up to 70M
- “Up The Coax.” AHD camera supported (for 1080P)
- Weatherproof IP66

### 5MP AHD Camera

- Video Output: AHD 5MP
- AHD cameras transmit data that is not encoded resulting in no process, no delay real time and complete transmission.
- Long transmission distance – Coaxial cable (3C/5C): 100M / 200M
- Seamless compatibility with the standard analog equipment
- Automatically activates IR LED: Below 10Lux
- UTC function (AHD-Coaxial protocol)

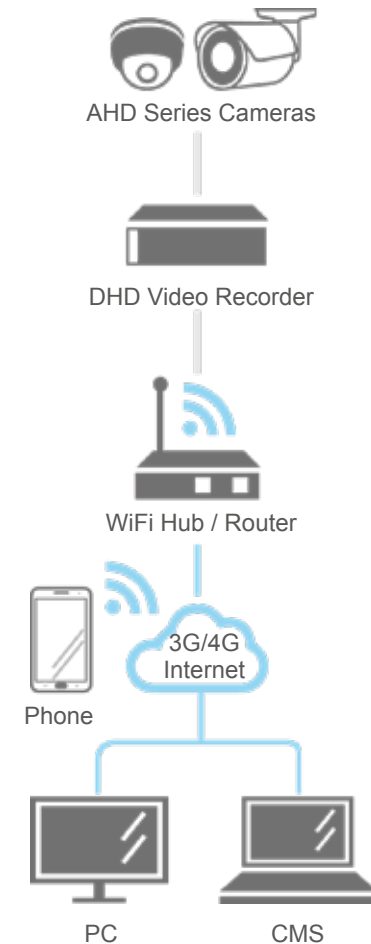
### 1080P AHD DVR




- 4/8/16 Channel AHD high definition record
- Up to support 1080P AHD camera
- “Up The Coax.” AHD camera supported
- Each channel independent of adjusting record frame
- Video data transmitted distance up to 300 – 500M (depend on coaxial cable type)
- Privacy mask
- Up to 6TB HDD supported
- HDMI and VGA output up to 1920×1080P
- Mobile phone (iOS, Android) solutions provided
- P2P (QR-Code scans for easy access by App) (Optional)

### Hybrid DVR

- 4/8/16 channel high definition record
- Onvif IP camera supported
- Up to support 4MP AHD camera
- “Up The Coax.” AHD camera supported
- Each channel independent of adjusting record frame
- Video data transmitted distance up to 150 – 250M (depend on coaxial cable type)
- Privacy mask
- Up to 8TB HDD supported
- HDMI and VGA output up to 1920×1080P
- Mobile phone (iOS, Android) solutions provided
- P2P (QR-Code scans for easy access by App) (Optional)
- Smart Search

### AHD System Architecture









Product Name		AHD755A3.6		AHD755A6	
					
<b>Model</b>		<b>AHD265AX4.2</b>		<b>AHD755A3.6</b>	
<b>Resolution</b>		2,592(H) x 1,944(V) @20fps		2,592(H) x 1,944(V) @20fps	
<b>Lens</b>	<b>Focal Length</b>	2.8–12 mm (Manual Vari-focal)		3.6 mm	
	<b>Aperture</b>	F1.4		F2.0	
	<b>Angle of View</b>	(H)91°–28°(V)67.5°–21.2° (D)120.8°–36°		(H)72.2°(V)52.9° (D)94.3°	
<b>Minimum Illumination</b>		Color : 0.025 Lux at F1.4 B/W : 0 Lux with IR LED ON		Color : 0.025 Lux at F1.8 B/W : 0 Lux with IR LED ON	
<b>Infrared LED</b>	<b>Radiant Distance</b>	20M		16M	
	<b>Beam Spread</b>	30° , 65°		60°	
	<b>Peak Wavelength</b>	850nm		850nm	
<b>System</b>		-		-	
<b>Pick Up Element</b>		1/2.8" CMOS Image Sensor		1/2.8" CMOS Image Sensor	
<b>Effective Pixels</b>		2,704(H) x 2,104(V)		2,704(H) x 2,104(V)	
<b>Scanning System</b>		Progressive Scan		Progressive Scan	
<b>Menu Control</b>		-		-	
<b>Sync. Mode</b>		Internal		Internal	
<b>Infrared Cut Filter</b>		Auto / Day (Color) / Night (Mono)		Auto / Day (Color) / Night (Mono)	
<b>S/N Ratio</b>		More than 55dB (AGC off)		More than 55dB (AGC off)	
<b>UTC</b>		-		-	
<b>Auto Gain Control</b>		Auto		Auto	
<b>White Balance</b>		ATW / MANUAL		ATW / MANUAL	
<b>Shutter Time</b>		1/30(1/25)s – 1/60,000s		1/30(1/25)s – 1/60,000s	
<b>Sense-Up</b>		-		-	
<b>2D-WDR</b>		Off / On		Off / On	
<b>Back Light Compensation</b>		Yes		Yes	
<b>3D Noise Reduction</b>		2D DNR		2D DNR	
<b>Defog</b>		-		-	
<b>Privacy Masking</b>		-		-	
<b>CE</b>		Yes		Yes	
<b>OSD Language</b>		-		-	
<b>Video Output</b>		AHD / CBVS / TVI / CVI		AHD / CBVS / TVI / CVI	
<b>Operation Temperature</b>		-10°C – +50°C (14°F – 122°F)		-10°C – +50°C (14°F – 122°F)	
<b>IP rating / Vandal resistant rating</b>		-		-	
<b>Window</b>		-		-	
<b>Dimension</b>		Ø128 × 100(H) mm		Ø93 × 74(H) mm	
<b>Weight</b>		325g		230g	
<b>Power Supply</b>		DC12V ±10%		DC12V ±10%	
<b>Power Consumption</b>		4.9W		4.8W	

<b>Product Name</b>				
<b>Model</b>	<b>AHD705A3.6</b>	<b>AHD705A6</b>	<b>AHD705AX4.2</b>	<b>AHD775AX4.2</b>
<b>Resolution</b>	2,592(H) x 1,944(V) @20fps	2,592(H) x 1,944(V) @20fps	2,592(H) x 1,944(V) @20fps	2,592(H) x 1,944(V) @20fps
<b>Lens</b>	<b>Focal Length</b>	3.6 mm	6mm	2.8–12 mm (Manual Vari-focal)
	<b>Aperture</b>	F2.0	F1.8	F1.4
	<b>Angle of View</b>	(H)72.2°(V)52.9° (D)94.3°	(H)46.5°(V)34.5° (D)59.3°	(H)91°–28°(V)67.5°–21.2° (D)120.8°–36°
<b>Minimum Illumination</b>		Color : 0.025 Lux at F1.8 B/W : 0 Lux with IR LED ON	Color : 0.025 Lux at F1.8 B/W : 0 Lux with IR LED ON	Color : 0.025 Lux at F1.4 B/W : 0 Lux with IR LED ON
<b>Infrared LED</b>	<b>Radiant Distance</b>	30M	30M	30M
	<b>Beam Spread</b>	60°	60°	60°
	<b>Peak Wavelength</b>	850nm	850nm	850nm
<b>System</b>	-	-	-	-
<b>Pick Up Element</b>	1/2.8" CMOS Image Sensor	1/2.8" CMOS Image Sensor	1/2.8" CMOS Image Sensor	1/2.8" CMOS Image Sensor
<b>Effective Pixels</b>	2,704(H) x 2,104(V)	2,704(H) x 2,104(V)	2,704(H) x 2,104(V)	2,704(H) x 2,104(V)
<b>Scanning System</b>	Progressive Scan	Progressive Scan	Progressive Scan	Progressive Scan
<b>Menu Control</b>	-	-	-	-
<b>Sync. Mode</b>	Internal	Internal	Internal	Internal
<b>Infrared Cut Filter</b>	Auto / Day (Color) / Night (Mono)	Auto / Day (Color) / Night (Mono)	Auto / Day (Color) / Night (Mono)	Auto / Day (Color) / Night (Mono)
<b>S/N Ratio</b>	More than 55dB (AGC off)	More than 55dB (AGC off)	More than 55dB (AGC off)	More than 55dB (AGC off)
<b>UTC</b>	-	-	-	-
<b>Auto Gain Control</b>	Auto	Auto	Auto	Auto
<b>White Balance</b>	ATW / MANUAL	ATW / MANUAL	ATW / MANUAL	ATW / MANUAL
<b>Shutter Time</b>	1/30(1/25)s – 1/60,000s	1/30(1/25)s – 1/60,000s	1/30(1/25)s – 1/60,000s	1/30(1/25)s – 1/60,000s
<b>Sense-Up</b>	-	-	-	-
<b>2D-WDR</b>	Off / On	Off / On	Off / On	Off / On
<b>Back Light Compensation</b>	Yes	Yes	Yes	Yes
<b>3D Noise Reduction</b>	2D DNR	2D DNR	2D DNR	2D DNR
<b>Defog</b>	-	-	-	-
<b>Privacy Masking</b>	-	-	-	-
<b>CE</b>	Yes	Yes	Yes	Yes
<b>OSD Language</b>	-	-	-	-
<b>Video Output</b>	AHD / CBVS / TVI / CVI	AHD / CBVS / TVI / CVI	AHD / CBVS / TVI / CVI	AHD / CBVS / TVI / CVI
<b>Operation Temperature</b>	-40°C – +50°C (-40°F – 122°F)	-40°C – +50°C (-40°F – 122°F)	-40°C – +50°C (-40°F – 122°F)	-40°C – +50°C (-40°F – 122°F)
<b>IP rating / Vandal resistant rating</b>	IP66	IP66	IP66	IP66
<b>Window</b>	-	-	-	-
<b>Dimension</b>	Body: 82(W) x 72.5(H) x 154(D) mm Bracket: 101(L) mm	Body: 82(W) x 72.5(H) x 154(D) mm Bracket: 101(L) mm	Body: 82(W) x 72.5(H) x 154(D) mm Bracket: 101(L) mm	Body: 98.5(W) x 90(H) x 195(D) mm Bracket: 160(L) mm
<b>Weight</b>	530g	530g	545g	1200g
<b>Power Supply</b>	DC12V ±10%	DC12V ±10%	DC12V ±10%	DC12V ±10%
<b>Power Consumption</b>	9.3W	9.3W	7W	11W






Product Name		AHD605AX2.8	AHD655AX2.8	AHD845AX2.8
<b>Model</b>		<b>AHD605AX2.8</b>	<b>AHD655AX2.8</b>	<b>AHD845AX2.8</b>
<b>Resolution</b>		2,592(H) x 1,944(V) @20fps	2,592(H) x 1,944(V) @20fps	2,592(H) x 1,944(V) @20fps
<b>Lens</b>	<b>Focal Length</b>	2.8–8 mm (Motorized Zoom/Focus)	2.8–8 mm (Motorized Zoom/Focus)	2.8–8 mm (Motorized Zoom/Focus)
	<b>Aperture</b>	F1.6	F1.6	F1.6
	<b>Angle of View</b>	(H)95°–47.2°(V)68°–35° (D)127°–59°	(H)95°–47.2°(V)68°–35° (D)127°–59°	(H)95°–47.2°(V)68°–35° (D)127°–59°
<b>Minimum Illumination</b>		Color : 0.025 Lux at F1.6 B/W : 0 Lux with IR LED ON	Color : 0.025 Lux at F1.6 B/W : 0 Lux with IR LED ON	Color : 0.025 Lux at F1.6 B/W : 0 Lux with IR LED ON
<b>Infrared LED</b>	<b>Radiant Distance</b>	20M	20M	20M
	<b>Beam Spread</b>	60°	48° , 30°	60°
	<b>Peak Wavelength</b>	850nm	850nm	850nm
<b>System</b>		-	-	-
<b>Pick Up Element</b>		1/2.8" CMOS Image Sensor	1/2.8" CMOS Image Sensor	1/2.8" CMOS Image Sensor
<b>Effective Pixels</b>		2,704(H) x 2,104(V)	2,704(H) x 2,104(V)	2,704(H) x 2,104(V)
<b>Scanning System</b>		Progressive Scan	Progressive Scan	Progressive Scan
<b>Menu Control</b>		-	-	-
<b>Sync. Mode</b>		Internal	Internal	Internal
<b>Infrared Cut Filter</b>		Auto / Day (Color) / Night (Mono)	Auto / Day (Color) / Night (Mono)	Auto / Day (Color) / Night (Mono)
<b>S/N Ratio</b>		More than 50dB (AGC off)	More than 50dB (AGC off)	More than 50dB (AGC off)
<b>UTC</b>		-	-	-
<b>Auto Gain Control</b>		Auto (16Step)	Auto (16Step)	Auto (16Step)
<b>White Balance</b>		ATW / AWC	ATW / AWC	ATW / AWC
<b>Shutter Time</b>		1/30(1/25)s – 1/50,000s	1/30(1/25)s – 1/50,000s	1/30(1/25)s – 1/50,000s
<b>Sense-Up</b>		-	-	-
<b>2D-WDR</b>		Off / On / Auto	Off / On / Auto	Off / On / Auto
<b>Back Light Compensation</b>		Off / On	Off / On	Off / On
<b>3D Noise Reduction</b>		2D + 3D DNR	2D + 3D DNR	2D + 3D DNR
<b>Defog</b>		-	-	-
<b>Privacy Masking</b>		-	-	-
<b>CE</b>		Yes	Yes	Yes
<b>OSD Language</b>		-	-	-
<b>Video Output</b>		AHD / TVI / CVI / CVBS	AHD / TVI / CVI / CVBS	AHD / TVI / CVI / CVBS
<b>Operation Temperature</b>		-40°C – +50°C (-40°F – 122°F)	-40°C – +50°C (-40°F – 122°F)	-40°C – +50°C (-40°F – 122°F)
<b>IP rating / Vandal resistant rating</b>		IP66	IP66	IP66
<b>Window</b>		-	-	-
<b>Dimension</b>		Ø132 × 102(H) mm	Ø115 × 91(H) mm	68(W) × 69(H) × 214(D) mm
<b>Weight</b>		580g	380g	470g
<b>Power Supply</b>		DC12V ±10%	DC12V ±10%	DC12V ±10%
<b>Power Consumption</b>		6.5W	5W	8.9W

				
<b>Product Name</b>		<b>D/N 1080P AHD DOME IR Camera</b>	<b>D/N 1080P AHD Dome IR Camera</b>	<b>D/N VR 1080P AHD VARI-FOCAL DOME IR Camera</b>
<b>Model</b>		<b>AHD752A3.6</b>	<b>AHD262AX4.2</b>	<b>AHD612AX4.2</b>
<b>Resolution</b>		1,920 (H) × 1,080 (V) @ 30 fps		
<b>Lens</b>	<b>Focal Length</b>	3.6mm	2.8 - 12mm	
	<b>Aperture</b>	F2.0	F1.4	
	<b>Angle of View</b>	(H)72.2° (V)52.9° (D)94.3°	(H)91° - 28° (V)67.5° - 21.2° (D)120.8° - 36°	
<b>Minimum Illumination</b>		0.03 Lux / F1.8, 0 Lux (IR On)	0.02 Lux / F1.4, 0 Lux (IR On)	
<b>Infrared LED</b>	<b>Radiant Distance</b>	16M	20M	
	<b>Beam Spread</b>	30°	30°	
	<b>Peak Wavelength</b>	850nm		
<b>System</b>		NTSC or PAL		
<b>Pick Up Element</b>		1/2.9" CMOS Image Sensor		
<b>Effective Pixels</b>		1,984 (H) x 1,105 (V)		
<b>Scanning System</b>		Progressive Scan		
<b>Menu Control</b>		OSD Control		
<b>Sync. Mode</b>		Internal		
<b>Infrared Cut Filter</b>		Auto Selectable, Automatic Switch from Color Mode to Monochrome		
<b>S/N Ratio</b>		More Than 55dB (AGC Off)		
<b>UTC</b>		AHD-Coaxial protocol Supported		
<b>Auto Gain Control</b>		Auto (16 Steps)		
<b>White Balance</b>		ATW / AWC / INDOOR / OUTDOOR / MANUAL / AWB		
<b>Shutter Time</b>		Auto : 1/60(1/50)S ~ 1/50,000S ; Manual : 1/30(1/25)S, 1/60(1/50)S, FLK, 1/240S, 1/480S, 1/1,000S, 1/2,000S, 1/5,000S, 1/10,000S, 1/50,000S		
<b>Sense-Up</b>		OFF / AUTO (X2 - X30)		
<b>2D WDR</b>		OFF / ON / AUTO		
<b>Back Light Compensation</b>		OFF / BLC / HSBLC		
<b>3D Noise Reduction</b>		2DNR & 3DNR		
<b>Defog</b>		OFF / AUTO		
<b>Privacy Masking</b>		OFF / ON		
<b>Privacy Masking Zone</b>		4 Zones		
<b>OSD Language</b>		ENG / CHN1 / CHN2 / GER / FRA / ITA / SPA / POL / RUS / POR / NED / TUR / KOR / JPN / HEB / ARB		
<b>Video Output</b>		AHD1080P / AHD720P / 1280H		
<b>Operation Temperature</b>		- 10°C – + 50°C ( -14°F – 122°F )	- 10°C – + 50°C ( -14°F – 122°F )	- 40°C - + 50°C ( -40°F - 122°F )
<b>IP rating / Vandal resistant rating</b>		-/-	-/-	IP66 / IK10
<b>Window</b>		-		
<b>Dimension</b>		Ø93 x 74mm (H)	Ø128 x 100mm(H)	Ø145(D) x 130mm(H)
<b>Weight</b>		230g	325g	1000g
<b>Power Input Voltage</b>		DC12V ±10%		
<b>Power Consumption</b>		3W	3.6W	4.3W

			
<b>Product Name</b>	D/N 1080P AHD IR Camera	D/N 1080P AHD VARI-FOCAL IR CAMERA	1080P AHD Color Dome Camera
<b>Model</b>	AHD832A3.6	AHD702AX4.2	AHD212A2.8      AHD212A3.6
<b>Resolution</b>	1,920 (H) × 1,080 (V) @ 30 fps	1,920 (H) × 1,080 (V) @ 30 fps	1,984 (H) × 1,105 (V)
<b>Lens</b>	<b>Focal Length</b>	3.6mm	2.8mm      3.6mm
	<b>Aperture</b>	F2.0	F2.0
	<b>Angle of View</b>	(H)72.2° (V)52.9° (D)94.3°	(H)91° - 28° (V)67.5° - 21.2° (D)120.8° - 36°
<b>Minimum Illumination</b>	0.03 Lux / F2.0, 0 Lux (IR On)	0.03 Lux / F1.8, 0 Lux (IR On)	0.03 Lux / F1.8
<b>Infrared LED</b>	<b>Radiant Distance</b>	20M	-
	<b>Beam Spread</b>	850nm	-
	<b>Peak Wavelength</b>	30°	-
<b>System</b>	NTSC or PAL		
<b>Pick Up Element</b>	1/2.9" CMOS Image Sensor		
<b>Effective Pixels</b>	1,984 (H) × 1,105 (V)		
<b>Scanning System</b>	Progressive Scan		
<b>Menu Control</b>	OSD Control		
<b>Sync. Mode</b>	Internal		
<b>Infrared Cut Filter</b>	Auto Selectable, Automatic Switch from Color Mode to Monochrome		-
<b>S/N Ratio</b>	More Than 55dB (AGC Off)		
<b>UTC</b>	AHD-Coaxial protocol Supported		
<b>Auto Gain Control</b>	Auto (16 Steps)		
<b>White Balance</b>	ATW / AWC / INDOOR / OUTDOOR / MANUAL / AWB		
<b>Shutter Time</b>	Auto : 1/60(1/50)S ~ 1/50,000S ; Manual : 1/30(1/25)S, 1/60(1/50)S, FLK, 1/240S, 1/480S, 1/1,000S, 1/2,000S, 1/5,000S, 1/10,000S, 1/50,000S		
<b>Sense-Up</b>	OFF / AUTO (X2 - X30)		
<b>2D WDR</b>	OFF / ON / AUTO		
<b>Back Light Compensation</b>	OFF / BLC / HSBLC		
<b>3D Noise Reduction</b>	2DNR & 3DNR		
<b>Defog</b>	OFF / AUTO		
<b>Privacy Masking</b>	OFF / ON		
<b>Privacy Masking Zone</b>	4 Zones		
<b>OSD Language</b>	ENG / CHN1 / CHN2 / GER / FRA / ITA / SPA / POL / RUS / POR / NED / TUR / KOR / JPN / HEB / ARB		
<b>Video Output</b>	AHD1080P / AHD720P / 1280H		
<b>Operation Temperature</b>	- 40°C - + 50°C ( -40°F - 122°F )		- 10°C - + 50°C ( -14°F - 122°F )
<b>IP rating / Vandal resistant rating</b>	IP66 / IK10	IP66 / -	- / -
<b>Window</b>	Ø59 Heat Resistant Glass	Ø65 Heat Resistant Glass	-
<b>Dimension</b>	68mm (W) x 69mm (H) x 185mm	Body: 82(W) x 72.5(H) x 154(D), Bracket: 101mm (L)	Ø120 x 102mm(H)
<b>Weight</b>	410g	545g	305g
<b>Power Input Voltage</b>	DC12V ±10%		
<b>Power Consumption</b>	3.3W	4.1W	0.85W



Product Name		4CH AHD DVR	8CH AHD DVR	16CH AHD DVR
				
<b>Model</b>		<b>DHD5104</b>	<b>DHD5108</b>	<b>DHD5216</b>
Video Input	Supports	AHD / Analog camera		
	Input	4 CH		
	Simulation HD / Analog Camera Input Resolution	AHD and Analog camera D1/960H		
	Simulation HD / Analog Camera Maximum Input Frame Rate	5M 50 / 50 FPS 、 4M 60 / 50 FPS 1080P 120 / 100 FPS 、 720P 120 / 100 FPS 960H 120 / 100 FPS	5M 100 / 100 FPS 、 4M 120 / 100 FPS 1080P 240 / 200 FPS 、 720P 240 / 200 FPS 960H 240 / 200 FPS	5M 200 / 200 FPS 、 4M 240 / 200 FPS 1080P 480 / 400 FPS 、 720P 480 / 400 FPS 960H 480 / 400 FPS
	Network Camera Resolution	Up The Coax AHD camera supported		
Video Output	Network Camera Maximum Input Frame Rate	-		
	Output	HDMI, VGA 1080P		
	Split Screen	1 / 4 split division, sequence mode, freeze	1 / 4 / 6 / 8 / 9 split division, sequence mode, freeze	1 / 4 / 6 / 8 / 9 / 12 / 13 / 16 split division, sequence mode, freeze
	Digital Zoom Privacy Mask	Up to 64x on live and playback -		
Recording	Encode Format	H.264 / H.265		
	Resolution	CIF ~ 5M	CIF ~ 5M	CIF ~ 5M
	Simulation HD / Analog Camera Maximum Recording Frame Rate	5M 25 / 25 FPS 、 4M 30 / 25 FPS 1080P 60 / 50 FPS 、 720P 120 / 100 FPS 960H 120 / 100 FPS	5M 50 / 50 FPS 、 4M 60 / 50 FPS 1080P 120 / 100 FPS 、 720P 240 / 200 FPS 960H 240 / 200 FPS	5M 100 / 100 FPS 、 4M 120 / 100 FPS 1080P 240 / 200 FPS 、 720P 480 / 400 FPS 960H 480 / 400 FPS
	Recording Mode	Manual, schedule ( continue, event, none )		
	Recording Schedule	Each channel 7day × 24 hours time table, recording mode configurable		
	Alarm Event Actions Alarm Notification	Motion grid (20×12, multi-level sensitivities) / DI Alarm notification iOS · android / E-Mail / FTP / buzzer / DO		
Playback	Search	Alarm event / Operation event / System event / Meta data event / Time search		
	Display	4CH synchronous playback	8CH synchronous playback	16CH synchronous playback
	Resolution	CIF ~ 5M		
	Speed	Fast rewind 2×~64× / Fast forward 2×~64× / Slow motion 1/2~1/64		
Storage	Internal HDD	1 × 3.5" HDD, 8TB supported	1 × 3.5" HDD, 8TB supported	2 × 3.5" HDD, 8TB supported
Backup	USB Flash Disk	Up to 32 GB supported		
	Network Backup	Via HTTP / FTP		
Audio	Analog Audio Input	4 CH, RCA × 4	8 CH, RCA × 8	16 CH, RCA × 8, D-Sub 15 x 1
	Audio Output	RCA × 1 ( 0.7Vp-p, 300 Hz to 3KHz )		
Network	Ports	RJ-45 100Mbps × 1	RJ-45 100Mbps × 1	RJ-45 Gigabit Ethernet × 1
	Protocols	ARP / TCP/IP / UDP / HTTP / SMTP / FTP / DDNS / PPPoE / NTP / DHCP/ Onvif Profile S		
	Web	Direct internet browser access / Multiple users access		
	P2P	QR Code APP scan / UID connection (Optional)		
	Mobile Phone	iOS / Android supported		
Software	VMS	Navigator		
	Backup / Playback	Remote Playback Manager / Backupman, multiple DVRs file download and multi-channel playback		
System	Reports	Alarm event, operation, configuration and system execution log full reports exporting over HTTP or USB		
	Authentication	User authentication with feature configurable and IP address blocking		
	Language	Arabic, Chinese( Traditional ), Chinese( Simplified ), English, French, German, Hungarian, Italian, Japanese, Korean, Polish, Portuguese, Russian, Spanish, Turkish		
	HDD Inspection	S.M.A.R.T monitoring / File system de-fragmentation/ IO read write error		
	Recorded Reserve Time	1~365days		
Accessories	Time	Daylight saving / NTP / External USB GPS time sync		
	Mouse	Mouse click, drag and scroll		
	Remote Controller	IR Remote controller (Optional)		
	PTZ Protocols	RS-485 × 1, MLP1 · MLP2 · PELCO D · PELCO P		
	UTC	Up The Coax AHD camera supported		
Others	CPU	ARM Cortex A7 Dual Core	ARM Cortex A7 Dual Core	ARM Cortex A9 Dual Core
	OS	Embedded Linux Kernel 3.18		
	WDT	Hardware watchdog timer		
Power and Working Environment	Power	Adapter DC 12V, 3A, 36W × 1	Adapter DC 12V, 3A, 36W × 1	Adapter DC 12V, 5A, 60W × 1
	Operating Temperature	0°C ~ 45°C		
	Operating Humidity	5% ~ 80%		
	Dimension (W×L×H)	360× 316× 60 mm		
	Weight	≈3 kg ( Without hard drive )		

Product Name		4CH Hybrid DVR	8CH Hybrid DVR	16CH Hybrid DVR
<b>Model</b>		<b>DHD 504A</b>	<b>DHD 508A</b>	<b>DHD 516A</b>
Video Input	Supports	AHD / CVI / TVI / Analog camera / Network camera		
	Input	4 CH	8 CH	16 CH
	Simulation HD / Analog Camera Input Resolution	AHD, TVI, CVI and analog camera D1/960H		
	Simulation HD / Analog Camera Maximum Input Frame Rate	4M 60 / 50 FPS 、 1080P 120 / 100 FPS 720P 120 / 100 FPS 、 960H 120 / 100 FPS	4M 120 / 100 FPS 、 1080P 240 / 200 FPS 720P 240 / 200 FPS 、 960H 240 / 200 FPS	4M 240 / 200 FPS 、 1080P 480 / 400 FPS 720P 480 / 400 FPS 、 960H 480 / 400 FPS
	Network Camera Resolution	4M / 3M / 1080P / 720P	4M / 3M / 1080P / 720P	Up The Coax AHD camera supported
Video Output	Network Camera Maximum Input Frame Rate	Single Channel 4M 15 FPS / 3M 15 FPS / 1080P 30 FPS		
	Output	HDMI, VGA 1080P, CVBS		
	Split Screen	1 / 4 split division, sequence mode, freeze		
	Digital Zoom	Up to 5x on live and playback		
	Privacy Mask	Each channel 4 privacy mask supported		
Recording	Encode Format	H.264		
	Resolution	CIF ~ 4Mega		
	Simulation HD / Analog Camera Maximum Recording Frame Rate	4M 30 / 25 FPS 、 1080P 60 / 50 FPS 720P 120 / 100 FPS 、 960H 120 / 100 FPS	4MP 60 / 50 FPS 、 1080P 120 / 100 FPS 720P 240 / 200 FPS 、 960H 240 / 200 FPS	4MP 120 / 100 FPS 、 1080P 240 / 200 FPS 720P 480 / 400 FPS 、 960H 480 / 400 FPS
	Maximum Network Camera Input Throughput	20Mbps	40Mbps	80Mbps
	Network Camera Maximum Recording Frame Rate	4M 60 FPS 3M 60 FPS 1080P 120 FPS	4M 120 FPS 3M 120 FPS 1080P 240 FPS	4M 240 FPS 3M 240 FPS 1080P 480 FPS
	Recording Mode	Continue, Schedule, Event		
	Recording Schedule	4 schedule, 7day × 24 hours time table		
Playback	Alarm Event Actions	Adjustable motion area (100 level sensitivities) / System / Video loss		
	Alarm Notification	Alarm notification iOS 、 android / E-Mail / FTP / Buzzer		
	Search	Event / Time / Smart search		
	Display	4CH synchronous playback	8CH synchronous playback	16CH synchronous playback
Storage	Resolution	CIF ~ 4M		
	Speed	Fast rewind 4x~32x / Fast forward 4x~32x / Step Forward / Slow motion 1/2~1/8		
	Internal HDD	1 × 3.5" HDD, 8TB supported	1 × 3.5" HDD, 8TB supported	2 × 3.5" HDD, 8TB supported
Backup	USB Flash Disk	Up to 32 GB supported		
	Network Backup	Via HTTP		
Audio	Analog Audio Input	1 CH, RCA × 1	1 CH, RCA × 1	4 CH, RCA × 4
	Audio Output	RCA × 1 ( 0.7Vp-p, 300 Hz to 3KHz )		
Network	Ports	RJ-45 100Mbps × 1	RJ-45 100Mbps × 1	RJ-45 Gigabit Ethernet × 1
	Protocols	ARP / TCP/IP / UDP / HTTP / SMTP / FTP / DDNS / PPPoE / NTP / DHCP/ Onvif Profile S		
	Web	Direct internet browser access / Multiple users access		
	P2P	QR Code APP scan / UID connection (Optional)		
Software	Mobile Phone	iOS / Android supported		
	VMS	CMS		
	Backup / Playback	IE / Remote control software		
System	Reports	Alarm event, operation and configuration log full reports exporting over HTTP or USB		
	Authentication	User authentication with feature configurable		
	Language	Arabic / Bulgarian / Chinese ( Simplified ) / Chinese ( Traditional ) / Croatian / Czech / Dutch / English / French / German / Greek / Hebrew / Indonesian / Italian / Japanese / Korean / Latvia / Persian / Polski / Portuguese / Romanian / Russian / Spanish / Thai / Turkish / Vietnamese		
	HDD Inspection	S.M.A.R.T monitoring		
	Recorded Reserve Time	Adjustable 1~9999 hours		
Accessories	Time	Daylight saving / NTP		
	Mouse	Mouse click, drag and scroll		
	Remote Controller	IR Remote controller (Optional)		
	PTZ Protocols	RS-485 × 1, MLP1 、 MLP2 、 PELCO D 、 PELCO P 、 SAMSUNG 、 LG-MULTIX , Network camera via ONVIF		
Others	UTC	Up The Coax AHD camera supported		
	CPU	ARM Cortex A7 Dual Core		
	OS	Embedded Linux Kernel 3.1		
	WDT	Hardware watchdog timer		
Power and Working Environment	Power	Adapter DC 12V, 3A, 36W × 1	Adapter DC 12V, 3A, 36W × 1	Adapter DC 12V, 5A, 60W × 1
	Operating Temperature	0°C ~ 45°C		
	Operating Humidity	5% ~ 80%		
	Dimension (W×L×H)	360× 316× 60 mm		
	Weight	≈3 kg ( Without hard drive )		





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