

# Analogue HD Solutions 1080p

TeleEye



## Advance from SD to Full HD Quality the Easy Way

TeleEye has developed the contemporary 1080p Analogue HD (AHD) solutions. The TeleEye AF Series of AHD 1080p cameras and JN6 Series of AHD 1080p DVRs. A common problem experienced during the transition from SD to HD, is that often the whole surveillance system has to be overhauled. This process tends to cause extra costs and disruptions to the daily surveillance operations. Therefore, TeleEye 1080p AHD Solutions are designed to overcome these problems.

TeleEye AHD not only supports videos at 1080p HD resolution but also WD1 resolution, making it capable of backward compatibility. By just replacing the original SD cameras and recorders, users can easily upgrade their existing analogue systems to HD through a coaxial cable. This is the simplest way to progress from SD to full HD. Meanwhile the same wiring can be used continuously for conveying crystal clear HD videos. TeleEye AHD solutions is an easy-to-use systems that users can just plug and play to complete the installation, therefore an IP set-up is not required. Moreover, there's no coding compression for front-end-data. TeleEye 1080p AHD products are able to provide real-time viewing and high fidelity.

TeleEye AHD offers a complete solution which maintains the advantages of traditional analogue systems, upgrade the images to HD and incorporate TeleEye Video Management Software for a scalable solution to suit a diverse range of applications.

AHD



AHD



Analogue

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**AHD**  
Upgrade to Analogue HD



## The Simplest Way to Advance to HD Video Surveillance

TeleEye AHD solutions provides a simple and hassle free procedure to upgrade from a SD to a HD surveillance system. With TeleEye Analogue solutions, all that is required to upgrade from SD to HD is to replace the existing cameras and DVRs with the AF Series and JN6 Series. However for certain cameras that are crucial in the current surveillance system which would be problematic to replace can also be retained. Additionally, the wiring of your current SD system does not need to be uprooted, so that users can continue to use their existing coaxial cables. Therefore, there are no inconvenience or delays to the daily surveillance operations throughout the switch to HD. The AHD cameras and DVRs are "AHD and SD" switchable.



## Long reached, Excellent Noise Immunity

TeleEye AHD systems use point to point transmission to secure a smooth and reliable image quality. TeleEye AHD 1080p cameras can obtain a long-distance HD video transmission through a coaxial cable of up to 400m; meanwhile IP cameras can only transmit videos to approximately 100m. These TeleEye AHD 1080p cameras and DVRs can provide users with a solution that will allow them to monitor to a much greater distance. In comparison to traditional analogue products, TeleEye AHD products transmit images and videos at a superior quality and with minimal noise.

## Instant Video Response

For absolute accuracy during video surveillance monitoring, it is crucial that there are no delays throughout the CCTV footage. With TeleEye AHD solutions, the front-end data does not require any form of coding compression for real time results and high fidelity, so there are minimal broken footages or delays in the results. The most precise performance is ensured, meaning operators do not miss out any details during surveillance and triggers prompt preventive actions. As the images are captured at a high resolution, they may be used as supporting evidence to assist in investigations if necessary.



## Versatile Range of Video Management Software

TeleEye Analogue HD products are all fully compatible with the revolutionary TeleEye Video management software, to provide a seamless yet customisable system which can be scaled up or down at any point in time. These include TeleEye sureSIGHT, an integrated video management platform. TeleEye sureGUARD which offers an end-to-end alarm management solution that also complies with the British Standard, BS8418. Last but not least, TeleEye iView HD which is designed for users to remotely monitor from any location conveniently. With the latest 1080p AHD products and sophisticated software, TeleEye provides users with an absolute and simple solution from SD to HD surveillance.

## Hybrid Solution for IP and Analogue Recording

The TeleEye JN6 Series of AHD 1080p DVRs provide an alternative for users who are currently employing a mixture of analogue and IP cameras, but do not want to adopt different DVRs to record the images captured by cameras with different signal formats. These DVRs also provide an economical option for those who are considering a transition from analogue to IP at a later period in time.



## Common Features

- HD 1080p
- 1/ 2.8" SONY CMOS
- Day / Night 0.0 Lux (IR On)
- Coaxial / UTP Cables Distance Up to 400m
- 4 Privacy Masks
- Wide Dynamic Range
- OSD Menu, Multi-Languages
- IP66
- AHD & SD Switchable



## Pan Tilt Zoom (PTZ) Cameras

### AF5010



#### Mini Speed Dome

- f=5.5-55mm, 10x Optical Zoom
- Pan 0° - 360° with continuous rotation
- Control over Coaxial (CoC)

### AF6120



#### IR Speed Dome

- f=4.7-94mm, 20x Optical Zoom
- 9 IR LEDs / ~100m IR Range
- Control over Coaxial (CoC)

## Static Cameras

### AF284



#### IR Fixed Bullet

- f=3.6mm fixed lens
- 2 IR LEDs / ~20m IR Range

### AF286



#### IR Vandal Resistant

- f=2.8-12mm vari-focal lens
- Auto IR-cut filter
- 24 IR LEDs / ~20m IR range
- Vandal Resistant

### AF287



#### IR Vari-focal Bullet

- f=2.8-12mm vari-focal lens
- 2 IR LEDs / ~30m IR Range

### AF294



#### IR Fixed Dome

- f=3.6mm fixed lens
- Auto IR-cut Filter
- 24 IR LEDs / ~15m IR Range

### AF487M



#### IR Waterproof Bullet

- f=6-22mm Vari-focal lens
- 48 IR LEDs / ~50m IR Range

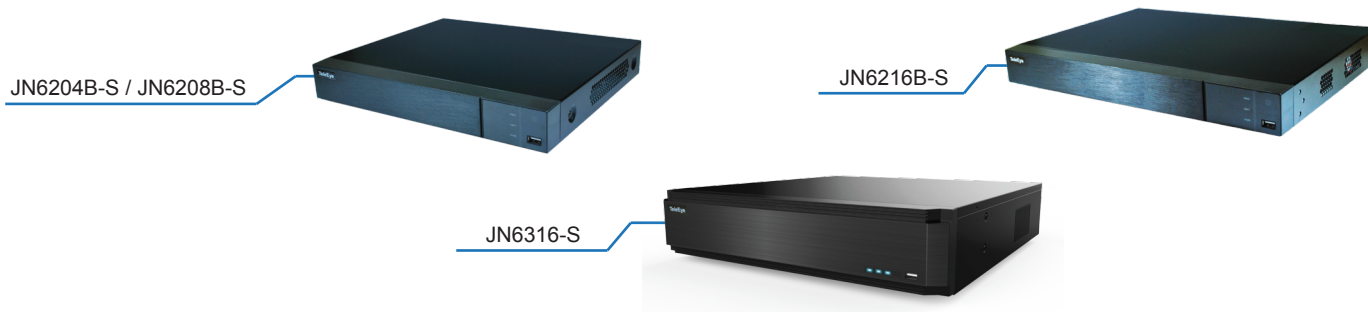
### AF42M



#### IR Long Range Camera

- f=6-22mm Vari-focal lens
- 48 IR LEDs / ~80m IR Range
- 2 groups of hi-power LEDs

# AHD IP Hybrid DVRs



## SPECIFICATIONS

Model		JN6204B-S	JN6208B-S	JN6216B-S	JN6316-S	
Video Input	Analogue Camera	AHD (1080p), AHD (720p), PAL, NTSC				
	No. of Channel	4	8	16	16	
	IP Camera	TeleEye MP, MQ Series				
	No. of Channel	1		8		
Video Output	Main	Digital Video	1 channel, 1920 x 1080			
		VGA	1 channel, 1920 x 1080			
		BNC	CVBS			
		Mode	Manual, Schedule, Motion, Event-driven			
Recording	HD Type	SATA X 1 (Max. 6TB per HDD)	SATA X 2 (Max. 6TB per HDD)	SATA X 8 (Max. 6TB per HDD)		
	MAX. RECORDING RATE PER CHANNEL	1080p: 12 / 15fps 1080p lite: 25 / 30fps 720p: 25 / 30fps WD1: 25 / 30fps MP, MQ: 25 / 30fps			IPC 3MP: 12 / 15fps 1080p: 25 / 30fps 720p: 25 / 30fps	
					AHD 1080p: 12 / 15fps 720p: 25 / 30fps	
		Playback				
	Play, forward, backward, pause, digital zoom					
Communication	Network	RJ-45 10/100 base-T ethernet (auto sensing)			RJ-45 10/100/1000 base-T ethernet (auto sensing)	
	Concurrent Users	5	6	10		
	Web Server	Built-in				
	Telemetry Control	RS 485			RS 485 x 2	
	USB	USB2.0 x 2				
Audio	Input	RCA X 4			RCA X 16	
	Output	RCA X 1				
	IP Camera Audio Input	1	8			
Event Handling	Event Type	Video motion detection, External alarm, Video loss				
	Action Type	Local recording, email notification, telemetry preset				
	External Alarm Input	4	4	16		
Relay Switch	No. of Channel	1	1	4		
Power	Voltage	12 VDC			ATX	
	Max. Rating	5W (without HDD)	8W (without HDD)	15W (without HDD)	26W (without HDD), Max. 250W	
Operating Environment	Ambient Temperature	-10°C - 50°C				
	Relative Humidity	10% - 90%				
Mechanical Design	Dimension (mm)	300 (W) x 260 (D) x 52 (H)		380 (W) x 280 (D) x 52 (H)	430 (W) x 468(D) x 101 (H)	
	Weight (kg)	1.08	1.16	1.58	10	



**TeleEye Group**  
Signal Communications Ltd.  
Int'l : (852) 2995 5996  
HK : (852) 2995 5992  
Email : info@TeleEye.com  
Web : www.TeleEye.com

**TeleEye Europe Ltd.**  
Tel: (44) 1628 776061  
Email: ukinfo@TeleEye.com

**TeleEye Lanka (Pvt) Ltd**  
Tel: (94) 11 2695652 4  
Email: info@TeleEye.com.lk

**TeleAy Video Çözümleri A.S.**  
Tel: (90) 212 343 35 72  
Email: info@TeleAy.com.tr

**TeleEye Malaysia Sdn. Bhd.**  
Tel: (603) 5122 1398  
Email: sales@TeleEye.com.my

**TeleEye Philippines Inc**  
Tel: (63) 2 3650897  
Email: contact@TeleEye.com.ph

**TeleEye (South Africa) (Pty) Ltd.**  
Tel: (27) 11 557 9200  
Email: info@TeleEye.co.za

**TeleEye Digital Technology (Shenzhen) Co., Ltd**  
Tel: (86) 755-2671-2468  
Email: info@TeleEye.com.cn