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NX Series

AHD2.1MP

Analog High Definition
CCTV Camera



AHD

Analog High Definition (AHD) is a newly developed solution for transmitting full HD digital video in a surveillance system.

The core concept of AHD is to deliver high definition video using digital TV (DTV) transmission.

With AHD, high definition digital video can be transmitted easily over coaxial cables, twisted pairs, or simply over the air.

Multiple 1080p30 and 1080p60 video streams can be easily transmitted using AHD over a single 5C2V/RG6 cable up to a length of 1000 meters without any repeater (Up to 500 meters in case of 3C2V/RG59).

In the world of analog TV, The composite video baseband signal (CVBS)

is the most commonly used signal format. Its popularity, ease of use, and robustness have made it an integral part of our lives. CVBS is in fact a de facto signal standard for analog video surveillance systems.

As we bid farewell to analog TV with world-wide analog switch-off (ASO) and move on to the age of digital TV, digital technologies, such as DVB-T, ISDB-T, and ATSC, became popular and indispensable much like CVBS in the analog age.

AHD leverages the extremely robust AV transmission capability of DTV to easily and seamlessly upgrade an analog CCTV surveillance system to digital full HD.

AHD is expected to become a de facto standard for digital video surveillance systems in the future.

MADE IN INDIA

AHD2.1 MP CCTV CAMERA

AHD... Benefits

- Amazing Clarity
- Use existing infrastructure
- Affordable
- Superior Video
- Futuristic

Why Pegasus

- A Decade old company
- Branded Products
- Assured Quality
- ISO 9001:2008 Certified
- Product developed in-house
- Aggressively priced
- Proven Technology
- Nation Wide Support Network
- Wide Range of products and solutions
- OEM Services Available
- Made in India

MADE IN INDIA

Technical Specifications

Model:

AHD2.1MP

Sensor

1/2.7 Inch OV2710

Processor

Nextchip NVP2441H

Signal

PAL / NTSC

Video Input

HD-AHD/CVBS

Resolution

1920(H) x 1080(V)

Effective Pixels

Over 2 Million Pixels

Min. Illumination

0.1 Lux (Color)
0 Lux (B/W)

Shutter

1/60 sec to 1/100,000 sec

Video Frequency

1920 x 1080 at 50 FPS

Synchronization

Internal

White Balance

Automatic

Video Output

1 Channel BNC HD AHD/
CVBS HD Video

Day / Night

Automatic

Transmission Distance

Over 500m Via 71-3 Co-ax
Cable

Power Supply

Regulated 12V DC $\pm 10\%$

Power Consumption

4.5 W Max

Working Environment

-10°C ~ 60°C
Humidity < 90% (No Con-
densation)

IR

36 IR LED, 25 Mtr Range

Lens

3.6mm (other options
available)

NX SERIES

Photosensitive Resistance

1 photosensitive resistance
interface, support the pho-
tosensitive resistor input and
image, IR-CUT, infrared
lamp linkage



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