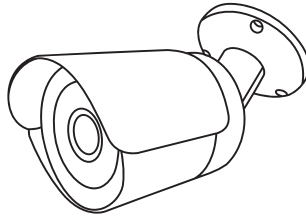# 8level
NEXT LEVEL IN NETWORKING

EN

AHB-E1080-VF4-2
Analog CCTV camera

CAUTION!
- Before providing power for the camera, please read this User Guide in detail!
- Do not attempt to disassemble the camera. If the camera is not working, please contact local reseller or our company.
- To prevent electric shock and risk of fire hazards, do not use other power source than specified.

ANALOG CAMERA QUICK INSTALLATION
AND OPERATION GUIDE

V 1.0_201501

CE DECLARATION OF CONFORMITY
The product fulfills the following requirements according to:

EMC Directive 2004/108/EC

CE

SAFETY NOTICE
Do not use this product near water. Do not place heavy objects on the casing.

RECYCLING NOTICE
The symbol of the crossed-out wheeled bin on this product means that it is forbidden to place the equipment waste together with other waste (under penalty of fine). Detailed information about recycling of the product can be obtained at local authorities, local waste treatment plants or local distributors. Forwarding the equipment waste to recycling or recovery points helps to avoid the negative influence of the harmful components present in the equipment on the environment and human health; in this scope the primary role is played by each household.

www.8level.eu

SPECIFICATION

Sensor	1/3" FH V30E+F22
Lens	2.8-12mm Manual Zoom lens
Signal System	1080P
Effective Picture Elements	PAL/NTSC : 1920*1080
Horizontal Resolution	1920H
Minimum Illumination	Color: 0.1Lux @(F1.2,AGC ON),0 LUX with IR
	B&W: 0.01 Lux @ (F1.2,AGC ON),0 LUX with IR
S/N Ratio	More than 44dB
Scanning System	2:1 interface
Synchronous System	Internal, Negative sync.
Auto Electronic Shutter	1/50(1/60)S-1/100,000S
Gama Characteristic	0.45
Day and Night Function	Support IR-CUT
IR Distance	40 Meters (with Φ 12 x 6PCS Infrared LED)
IR Status	Under 10Lux by CDS
IR Power On	CDS AUTO Control
Video Output	HD-AHD Output(75Ω/BNC）
Auto Gain Control	Auto
Power/Current	DC12V/350mA ±10%
Storage Temperature	-30~+60℃ RH95% MAX
Operating Temperature	-10~+60℃ RH95% MAX
Weight	1.0kg
Dimension (mm)	249x80x82mm

PROBLEMS AND SOLUTIONS

No picture after providing power
- Check the power supply voltage and polarity
- Check the video connections (cable, plugs)

Picture is too dark
- Check the monitor and DVR screen setup (brightness, contrast)
- Check the power supply voltage
- Check the video cable length and impedance. With the cable length exceeding 300m (RG59 or UTP5 cable) you may experience a lowering of video signal quality. In such case please use an external video signal amplifier, or shorten the video cable.

The video has horizontal flowing stripes
- Check the power supply. Too high or too low voltage may be the source of this phenomenon. In such case, please change the power source.

The video flickers, changes colors
- Check if the camera is facing the direct sunlight or a strong source of fluorescent light. If so, please change the camera angle.
- Check if the observation background is lit with strong fluorescent light. Reduce the fluorescent lamp numbers or increase the distance between the camera and the fluorescent lamps.
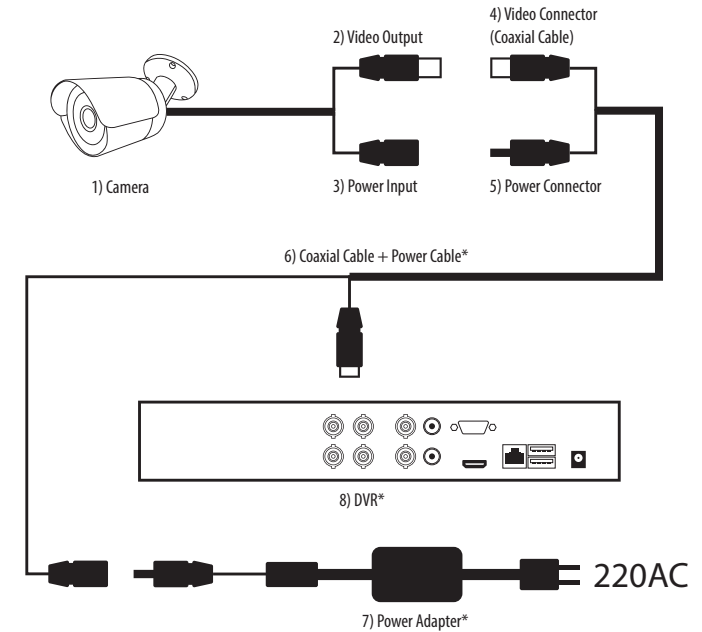
CAUTION!
- Use only CE certified power source. Its' output voltage, current, voltage polarity and operating temperature must match the camera's requirement. When using the camera in the thunderbolt condition, please mount an additional Anti-thunder device.
- Avoid using the camera at too high or too low temperatures.
- Avoid the camera facing the sun or very bright source of light. Otherwise, it can result in CCD damage.
- Do not mount the camera nearby the radiator or heater.

PACKAGE CONTENT

- Analog CCTV camera
- Quick Installation and Operation Guide with CE Certificate

CONNECTION DIAGRAM

1) Camera
2) Video Output
3) Power Input
4) Video Connector (Coaxial Cable)
5) Power Connector
6) Coaxial Cable + Power Cable*
7) Power Adapter*
8) DVR*
220AC

* not included