

Axis Network Video Exam

1. An installer wants to connect and power a PIR sensor from an Axis camera's I/O port. What would be the output DC voltage?

A. 3.3 V

B. 7 V

C. 1.5V

D. 5V

Answer(s): A

2. AXIS Design Tool is used for

A. Estimating bandwidth and creating a bill of materials.

B. Determining camera coverage and creating a bill of materials.

C. Plan network topology and determining camera coverage.

D. Selecting the right cameras and choosing AXIS Camera Station licenses.

Answer(s): A

3. IEEE 802.1 X is a security feature that

A. Uses a cryptographic signature to ensure the integrity of the address tables used by the router, making it impossible for malicious users to redirect the surveillance video to unauthorized recipients.

B. Only gives approved devices access to the network, making it impossible to disconnect a camera and connect other equipment to eavesdrop on the network.

C. Applies end-to-end encryption between the camera and the server over the internet, ensuring that other users on the network cannot eavesdrop on the surveillance video.

D. Disables port forwarding, making it impossible for users outside the local network to get access to the surveillance video.

Answer(s): B

4. In what way does VAPIX @ help integrators?

A. It offers a multi-language tutorial for implementation of analytics

B. It improves efficiency when implementing multi-camera tracking

C. The openness helps integrate Axis products with other system components

D. It connects products to automatically upgrade products with the latest firmware

Answer(s): C

5. Using AXIS Camera Management, which of the following can be performed? (Choose two)

A. Upgrade firmware

B. View recorded video

C. Set motion detection windows

D. Apply templates to devices

E. Configure crossline detection

Answer(s): A,D

6. The ONVIF standard gives the end user benefits such as (Choose two)

A. Improving the performance of the system.

B. Future proof systems and more secure investments.

C. Increased flexibility and greater freedom of choice.

D. Reduction of storage and network usage.

E. Guarantees higher performance.

Answer(s): B,C

7. A customer has a lot of motion blur on recordings from a fixed camera. What would be the most likely setting to address the blurring?

A. Shutter speed

B. Gain level

C. Backlight compensation

D. Brightness

Answer(s): A

8. Axis cameras support the ONVIF and VAPIX@ APIs. Which of the following is true?

A. The ONVIF API is used to manage video configuration, while VAPIX@ used for audio setup

B. The VAPIX@ API is used to manage video configuration, while ONVIF is used for audio setup

C. The ONVIF API is Axis' own API which supports the latest Axis camera capabilities

D. The VAPIX@ API is Axis' own API which supports the latest Axis camera capabilities

Answer(s): D

9. While setting up an AXIS Q7404 Video Encoder for control of an analog PTZ using Pelco D protocol, you run into a problem. After uploading of the proper Pelco drivers into the AXIS Q7404 Video Encoder you find that channel 1 is controlling the wrong analog PTZ. Which option below would you adjust to fix this problem so you can avoid changing physical cables?

A. Baud rate

B. Device ID

C. IP address

D. Device type

Answer(s): B

10. A varifocal lens

A. Allows the depth of field to be adjusted, making it possible to blur out the background for privacy protection or reducing distraction.

B. Can rapidly change focus between a set of predefined positions, making it easy to move between different points of interest in the scene.

C. Is a lens where the focus can be adjusted, as opposed to a fixed focus lens, making it possible to focus on objects close to the camera.

D. Makes it possible to adjust the focal length like a zoom lens, but requires refocusing after adjusting the focal length.

Answer(s): D

11. What is most important for 24 hour License Plate Recognition of fast moving cars?

A. PoE

B. Interlaced scanning

C. Processing speed

D. IR light

Answer(s): D

12. Two benefits of Axis HDTV cameras supporting the SMPTE standards are

A. Color fidelity and full duplex 2-channel audio.

B. Full duplex 2-channel audio and automatic screen calibration.

C. Minimum 25/30 fps frame rate and full duplex 2-channel audio.

D. Color fidelity and minimum 25/30 fps frame rate.

Answer(s): D

13. When choosing a camera for extreme low temperature environments, how would Arctic Temperature Control ensure camera longevity?

A. The product performs a stepped start-up at low ambient temperature

B. The product can handle low ambient temperatures

C. The product is protected against extreme temperatures

D. The product is always kept cold

Answer(s): A

14. When zooming in on an object with varifocal or zoom lens, light sensitivity of the camera is

A. dependent on lens

B. increasing

C. the same

D. decreasing

Answer(s): D

15. An installer wants to be sure that the AXIS P3347 always delivers full frame rate (30 fps) even in darker conditions. Which of the following options should be used?

A. Set priority to frame rate

B. Set maximum shutter time to 1/30 s

C. Set the capture mode to 3 megapixel

D. Set the Group of Video (GOV) length to 30

Answer(s): B

16. An installation with an AXIS P1344 experiences image flickering. How can this be remedied?

A. Changing the camera's exposure setting

B. Adding white light to the scene

C. Changing the camera's white balance

D. Adding IR light to the scene

Answer(s): A

17. Where is the best place to mount a camera with a fixed iris?

A. Inside, in a room with very strong light sources

B. Outside, on a pole

C. Outside, in a shadowed position

D. Inside, in a room with large windows

Answer(s): A

18. If using H.264 compression, in theory, what could a video containing no I-frames look like?

A. All non-moving objects will be visible

B. A black image is visible during the whole video

C. The first P-frame is visible during the whole video

D. All moving objects will be visible

Answer(s): D

19. When using Axis' Corridor Format

A. Privacy masks block out areas outside the specified corridor width.

B. The image is rotated 90 degrees, changing the aspect ratio to 9:16.

C. Axis PTZ cameras can automatically track people walking down a corridor.

D. The depth of field is automatically adjusted to keep the entire length of a corridor in focus.

Answer(s): B

20. Which network features are usually combined to prevent access to the surveillance network?

A. Router port forwarding and IP subnets

B. Router port forwarding and VLANs

C. IP subnets and VLANs

D. IEEE 802.3ad link aggregation and HTTPS encryption

Answer(s): C
