

# AX0-100<sup>Q&As</sup>

Axis Network Video Exam

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#### QUESTION 1

Which of the following general statements about illumination needs of PTZ cameras is true?

- A. PTZ should not be used with IR light
- B. The f-stop value of a lens will get higher if you zoom in
- C. PTZ cameras in general tend to have lower f-stop value compared to fixed cameras
- D. PTZ cameras should not be used with mixed IR and white light

Correct Answer: B

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#### QUESTION 2

An installer is upgrading an installation with several analog PTZ cameras using Axis Q-line encoders. Which of the following options should be checked before proceeding?

- A. That the SD card is supported
- B. That H.264 compression is supported
- C. That both D1 and 4CIF resolution are supported
- D. That the PTZ driver is supported

Correct Answer: D

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#### QUESTION 3

Ghost image is when

- A. The lens is using too high f-stop value.
- B. The shutter time is too long.
- C. The gain is too high.
- D. The frame rate is too low.

Correct Answer: B

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#### QUESTION 4

Incorrect colors due to faulty calibration or configuration may result in

- A. False representation of video footage.
- B. Limiting the possibility of sufficient pixel density for facial recognition.
- C. Increasing bandwidth due to high levels of noise.
- D. The camera automatically switching to black and white mode.

Correct Answer: A

### QUESTION 5

Match the following descriptions to their proper IP rating below. Drag each gray box from the left column to the matching blue box in the right column.

|      |  |
|------|--|
| IP51 | <p style="text-align: center;"><b>Solids</b></p> <p style="text-align: center;">Object Size protected against: &gt;1 mm. Most wires, screws, etc.</p> <p style="text-align: center;"><b>Liquids</b></p> <p style="text-align: center;">Protected against: Spraying water. Water falling as a spray at any angle up to 60° from the vertical shall have no harmful effect.</p>  |
| IP67 | <p style="text-align: center;"><b>Solids</b></p> <p style="text-align: center;">Object Size protected against: Dust protected. Ingress of dust is not entirely prevented, but it must not enter in sufficient quantity to interfere with the satisfactory operation of the equipment.</p> <p style="text-align: center;"><b>Liquids</b></p> <p style="text-align: center;">Protected against: Dripping water. Dripping water (vertically falling drops) shall have no harmful effect.</p>        |
| IP43 | <p style="text-align: center;"><b>Solids</b></p> <p style="text-align: center;">Object Size protected against: Dust tight. No ingress of dust; complete protection against contact.</p> <p style="text-align: center;"><b>Liquids</b></p> <p style="text-align: center;">Protected against: Powerful water jets. Water projected in powerful jets (12.5mm nozzle) against the enclosure from any direction shall have no harmful effects.</p>  |
| IP66 | <p style="text-align: center;"><b>Solids</b></p> <p style="text-align: center;">Object Size protected against: Dust tight. No ingress of dust; complete protection against contact.</p> <p style="text-align: center;"><b>Liquids</b></p> <p style="text-align: center;">Protected against: Immersion up to 1 m. Ingress of water in harmful quantity shall not be possible when the enclosure is immersed in water under defined conditions of pressure and time (up to 1 m of submersion).</p> |

Select and Place:

|      |  |
|------|--|
| IP51 | <p><b>Solids</b><br/>Object Size protected against: &gt;1 mm. Most wires, screws, etc.</p> <p><b>Liquids</b><br/>Protected against: Spraying water. Water falling as a spray at any angle up to 60° from the vertical shall have no harmful effect.</p>  |
| IP67 | <p><b>Solids</b><br/>Object Size protected against: Dust protected. Ingress of dust is not entirely prevented, but it must not enter in sufficient quantity to interfere with the satisfactory operation of the equipment.</p> <p><b>Liquids</b><br/>Protected against: Dripping water. Dripping water (vertically falling drops) shall have no harmful effect.</p>        |
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Correct Answer:

|  |      |
|--|------|
|  | IP66 |
|  | IP67 |
|  | IP51 |
|  | IP43 |

**QUESTION 6**

A P-iris lens is

- A. An iris with higher light sensitivity.
- B. Axis\' standard for DC-iris.
- C. A DC-iris with feedback.
- D. An iris specially made for zoom lenses.

Correct Answer: C

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#### QUESTION 7

Working with a retailer on a site survey, they ask if there\'s any way to get more of the aisle and less of the shelves on the short sides in the shot. An AXIS M3204 camera is being used. Which would be the best suggestion to the retailer?

- A. Adjusting the varifocal lens from 2.8 mm to 10 mm
- B. Adjusting the varifocal lens from 2.8 mm to 4 mm
- C. Using Axis\' Corridor Format
- D. Switching the camera to a 16:9 view

Correct Answer: C

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#### QUESTION 8

A company is looking for a dome designed to withstand vibrations inherent to transportation. Which of the following cameras should be recommended?

- A. AXIS P3344-VE
- B. AXIS M3014
- C. AXIS M3114-R
- D. AXIS P1344

Correct Answer: C

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#### QUESTION 9

Gatekeeper is a function that

- A. Makes it possible for a PTZ camera to do a guard tour.



- B. Enables two way audio for communication at a gate.
- C. Uses video motion detection for detecting if a gate is open.
- D. Uses video motion to zoom in on an object.

Correct Answer: D

**QUESTION 10**

Match the best choice of camera to each scenario described. Drag each gray box from the left column to the matching blue box in the right column.

|              |  |
|--------------|--|
| AXIS M3113-R | A hotel needs a discreet camera to monitor the business center with high resolution                        |
| AXIS P3344-V | A transportation company needs a camera that can withstand the rough environment and requirements of a bus |
| AXIS M3014   | A construction company needs a flexible camera to monitor a building site with harsh outdoor environment   |
| AXIS Q6032-E | A railway company needs cameras at every station entrance, to prevent vandalism                            |

Select and Place:

|              |  |
|--------------|--|
| AXIS M3113-R | A hotel needs a discreet camera to monitor the business center with high resolution                        |
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| AXIS M3014   | A construction company needs a flexible camera to monitor a building site with harsh outdoor environment   |
| AXIS Q6032-E | A railway company needs cameras at every station entrance, to prevent vandalism                            |

Correct Answer:

|  |              |
|--|--------------|
|  | AXIS M3113-R |
|  | AXIS P3344-V |
|  | AXIS M3014   |
|  | AXIS Q6032-E |

#### QUESTION 11

The advantage of using multicast in the network is that

- A. Many cameras can share the same network connection.
- B. The video stream reaches every computer in the network simultaneously.
- C. The video stream only needs to be sent once, even though there are multiple viewers.
- D. The video stream is rerouted in case of network dropout.

Correct Answer: C

#### QUESTION 12

Match the product series with right product. Drag each gray box from the left column to the matching image box in the right column.

**AXIS P13  
Series**



**AXIS Q60  
Series**



**AXIS M10  
Series**



**AXIS P33  
Series**



Select and Place:

**AXIS P13  
Series**



**AXIS Q60  
Series**



**AXIS M10  
Series**

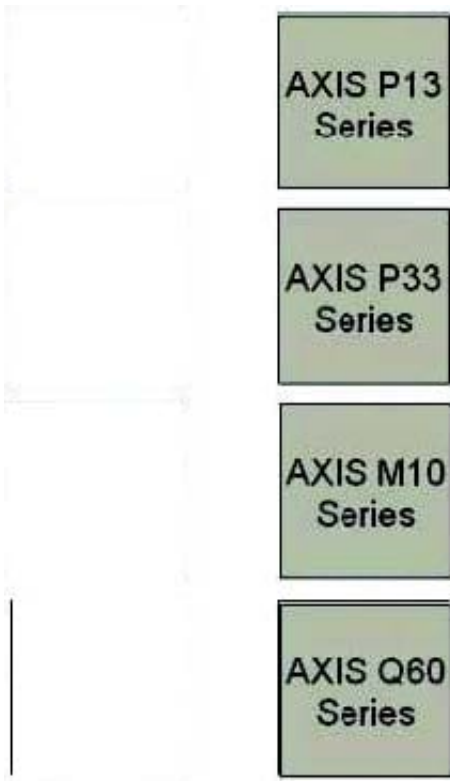


**AXIS P33  
Series**



Correct Answer:





### QUESTION 13

In a network surveillance installation, the purpose of a switch is to

- A. Forward the video stream between networks.
- B. Forward the video stream to the correct receiver within a network.
- C. Disconnect malfunctioning cameras from the network.
- D. Disconnect devices with invalid IP addresses from the network.

Correct Answer: B

### QUESTION 14

In many places 24 V AC has been popular as a power source but now 12 V and 24 V DC is increasing in popularity because

- A. There is more energy in DC.
- B. It is easier to back-up DC with battery.
- C. There is less power loss in cables with DC.

D. There is less risk for surge with DC.

Correct Answer: B

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#### QUESTION 15

Which allows customer to access between 2-4 channels of live and online stored video at any time?

A. AXIS Camera Station

B. AXIS Media Control

C. AXIS Camera Management

D. AXIS Video Hosting System (AVHS)

Correct Answer: D

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