Axis Communications' Academy

Network Video Fundamentals

Network Video Fundamentals is a comprehensive starting point covering the essentials of network video. Topics such as basic camera installation, image usability, bit rate optimization and challenges are explored in theory lessons combined with extensive hands-on labs and modules.

Learning Objectives:

> Camera technology and setup

> Using AXIS system design tools

> Learn to optimize bandwidth and storage requirements

> Understanding the Student Guide booklet in depth

12 ESA credits / 13 BICSI credits

Length: 2 days

Format: Classroom

Who should attend?
Installers, technicians, designers, and sales representatives that require a solid understanding of Axis products and technologies.

Prerequisites:
We recommend attendees have an understanding of networks in an IP video context. Please review the Introduction to networking video to confirm your knowledge prior to attending this class. Find the video here: http://www.axis.com/academy/web-based.htm.

Price: $599

Paid attendees will receive an AXIS P3225-LVE Network Camera and 16 AXIS Camera Station licenses!

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Course agenda

Day 1

8:30 am – 9:00 am	**Breakfast**
9:00 am – 9:15 am	**Introduction**
9:15 am – 9:30 am	**Product naming convention**
9:30 am – 10:30 am	**Axis product portfolio overview**
10:30 am – 10:45 am	**Break**
10:45 am – 11:00 am	**System design tools**
11:00 am – 12:00 pm	**Basic camera configuration**
12:00 pm – 1:00 pm	**Lunch**
1:00 pm – 2:00 pm	**Basic camera configuration (continued)**
2:00 pm – 2:45 pm	**Troubleshooting**
2:45 pm – 3:00 pm	**Break**
3:00 pm – 4:30 pm	**Imaging & optics**
4:30 pm – 4:45 pm	**Q & A and wrap-up**

Day 2

8:30 am – 9:00 am	**Breakfast**
9:00 am – 9:15 am	**Day 1 homework and review**
9:15 am – 10:30 am	**Optimizing bit rate**
10:30 am – 10:45 am	**Break**
10:45 am – 11:15 am	**Optimizing bit rate (continued)**
11:15 am – 11:30 am	**AXIS Zipstream**
11:30 am – 12:00 pm	**Video encoders**
12:00 pm – 1:00 pm	**Lunch**
1:00 pm – 3:00 pm	**Video analytics**
3:00 pm – 3:15 pm	**Break**
3:15 pm – 4:00 pm	**Fundamentals quiz**
4:00 pm – 4:30 pm	**Fundamentals survey**
4:30 pm – 5:00 pm	**Wrap-up**

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