



Wisenet Certified Professional Course Agenda

PRE-SALES TRAINING COURSES AGENDA

Primary Attendees: Pre-Sales Engineers, Pre-Sales Managers, Pre-Sales Lead, Engineering Managers, Design Engineers, Technical Sales Engineers

Other notes

- Exam link will be emailed after the course completion.

WISENET Camera Course Agenda (Pre-Sales Part 1 – 3 Hours)

[1st Hour]	About Hanwha & Core Technology Imaging Product Nomenclature
[2nd Hour]	IP Camera Series Line Up Comparison Study 1/2 IP Camera Series Line Up Comparison Study 2/2
[3rd Hour]	IP Storage Calculation & Wisenet Toolbox Practice

WISENET NVR Course Agenda (Pre-Sales Part 2 – 3 Hours)

[1st Hour]	About Wisenet NVR & Features NVR Series Comparison 1/2
[2nd Hour]	NVR Series Comparison 2/2 NVR Series Nomenclature
[3rd Hour]	NVR Series Selection, Wisenet Toolbox Plus : Storage & RAID Calculation SSM VMS with NVR for Central Monitoring



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WISENET SSM VMS Course Agenda (Pre-Sales Part 3 – 3 Hours)

[1st Hour]	SSM VMS Features Demonstration SSM VMS Design & Server Requirements
[2nd Hour]	How to License Nvr Series Nomenclature
[3rd Hour]	Virtual Matrix Video Wall Design Practice Questions

WISENET NVR & SSM VMS Combined Course Agenda (Pre-Sales Part 2 – 3 Hours)

[1st Hour]	NVR Series Feature Comparison NVR Nomenclature
[2nd Hour]	SSM VMS Design & Server Requirements Viewer Licensing
[3rd Hour]	Virtual Matrix Video Wall Design Practice Questions

WISENET Access Control Design Course – 3 Hours

[1st Hour]	Full Feature List of Access Control Software Controllers and Readers Selection
[2nd Hour]	Project Design Examples Software & Server requirements
[3rd Hour]	Demonstration Q & A

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POST SALES REMOTE CONFIGURATION COURSES

Primary Attendees: Project Engineers, Commissioning Engineers, Field Technicians, Field Engineers, Operators, Technical Supervisors

Other Notes

- PC/LAPTOP Required to Attend the Remote Lab.

WISENET Camera Configuration Course – 2 Days - 3.5 Hours Each

Day 1

[1st Hour]	Camera Series Overview Camera Cabling & Installation Guideline Camera Initialization & Password
[2nd Hour]	Wisenet Device Manager: IP Address, Date/Time, Video Profiles, Focus & Remote Zoom, Firmware Update, Reporting , OSD, Misc. Functions.
[3rd Hour]	Q & A , Live Practice via Remotely Connected Cameras

Day 2

[1st Hour]	Wide Dynamic Range Advanced Image Optimization
[2nd Hour]	Motion and Analytic Configuration Configuration Back Up, Logs Other Misc. Wisenet Device Manager Features

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[3rd Hour] Q & A , Live Practice via Remotely Connected
Cameras with Exam

WISENET NVR Configuration Course – 2 Days - 3.5 Hours Each

Day 1

[1st Hour] NVR Series Overview
NVR Hardware, Cabling & Installation Guideline

[2nd Hour] NVR Initialization & Password
Camera Registration, Profile configuration, Camera
Names, Recording Profiles, Pre & Post Alarm,
Extended Monitor
Web UI monitoring, Playback & Export

[3rd Hour] Q & A , Live Practice via Remotely Connected
Cameras & NVR

Day 2

[1st Hour] Configuration Settings Back Up, Device Manager
with NVR
NVR with SSM Monitoring
Viewer Licensing
How to Install and Add NVRs in SSM

[2nd Hour] SSM Operation with NVR : Live, Playback , Export,
Live Streaming Profile Configurations

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[3rd Hour] Q & A , Live Practice via Remotely Connected
Cameras & NVR with Exam

WISENET SSM VMS Configuration Course – 2 Days 3.5 Hours Each

Day 1

[1st Hour] SSM VMS Features Overview
SSM VMS Design with NVR or Direct Recording
Licensing

[2nd Hour] PRP-5000 Features
PRP-5000 Installation Guideline
Level 1 : Camera Registration , Live , Multi screen
monitoring , Playback , Export , PTZ Control and
Naming

[3rd Hour] Q & A , Live Practice via Remotely Connected
Cameras , NVR & SSM Server

Day 2

[1st Hour] SSM Camera Profiles, SSM Recording Setup, Disk
and Camera assignment, Event Recording

[2nd Hour] SSM Domain & Clustering, Site Design , Layouts,
Mapping, Sequencing , Licensing, Failover
configuration and Maintenance



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[3rd Hour]

Q & A , Live Practice via Remotely Connected
Cameras & NVR with Exam

Camera, NVR & SSM VMS Configuration Course – 2 Days 3.5 Hours Each

Notes:

This course is designed for Small & Medium Projects to cover the key configuration steps. This is a combined course of Cameras, NVR & SSM VMS

Day 1

[1st Hour]

Camera: IP Address Setting, Date/Time, Profile
Setting, Motion Detection and Preset Setup

[2nd Hour]

NVR: Installation Wizard , NVR Set up: Camera
Registration, Recording Profile Setting,

[3rd Hour]

Q & A , Live Practice via Remotely Connected
Cameras & NVR

Day 2

[1st Hour]

NVR : Monitor Settings, Search & Playback, Export
Backup, Free viewing Licensing

[2nd Hour]

SSM: Installation, Device Registration, Recording
Schedule Setup, Client

Operation: Live, Playback and Export Back up

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[3rd Hour] Q & A , Live Practice via Remotely Connected
Cameras , NVR & SSM with Exam

SSM Virtual Matrix Video Wall – 1 Day 3 Hours

[1st Hour] SSM Virtual Matrix Control Room Design

[2nd Hour] SSM Video Wall Decoders

Configuration of Virtual Matrix & Operation

[3rd Hour] Q & A , Live Practice via Remotely Connected SSM
Servers

Wisenet Access Control System (WACS) – 2 Day 3.5 Hours

Day 1

[1st Hour] WACS Design & Controllers
Installation Guideline

[2nd Hour] Controller Configuration
Management Software : Configuration of
Controllers, doors, readers & card holders

[3rd Hour] Q & A , Live Practice via Remotely Connected
WACS Hardware

Day 2

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[1st Hour] Fire Alarm & Visitor Management
Client Operation

[2nd Hour] Integration to SSM VMS
Bio Entry Set up Guideline

END USER OPERATOR TRAINING – 2 DAYS

Primary Attendees: Security Managers, Security Consultants, Security Operators and Team Leaders

Day 1

[1st Hour] About Hanwha & Core Technologies : Imaging

[2nd Hour] Core Technologies : Networking , Analytics &
Artificial Intelligence , DORIS Standard

[3rd Hour] Camera Types, Product Overview, Nomenclature
Basics, Q & A

Day 2

[1st Hour] Camera Basic Configurations, Analytic Set up and
Operation Overview

[2nd Hour] NVR & SSM Basic Configurations & Operations

[3rd Hour] Q & A , Practice With Remotely Connected
Cameras, NVR & SSM Server



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CONSULTANT COURSES – WISENET A & E COURSE – 3 HOURS

Primary Attendees: Security Consultants, Project Consultants, End User Consultants

- [1st Hour] Camera Technologies : Imaging, Networking & Analytics
- [2nd Hour] Artificial Intelligence in CCTV
ONVIF and other relevant technologies in CCTV
- [3rd Hour] Product Line Up Overview
Design Tools: Toolbox Plus: Field of View, Storage & Bandwidth & BIM Design Tools

VIDEO FOUNDATION COURSE 4 DAYS 2 HOURS EACH

Primary Attendees: Security Consultants, Project Consultants, End User Consultants & Representatives

Day 1

- [10:00] — [10:30] About Hanwha
System On Chip
- [10:30] — [11:00] CMOS Vs CCD Sensors
What Is WDR?
- [11:10] — [11:30] Understanding Focal Lengths
IR And Smart IR

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[11:30] — [12:00]

Understanding Iris Types

Understanding Resolution

Day 2

[10:00] — [10:30]

H.264, H.265 Codecs

Smart Compression Techniques

[10:30] — [11:00]

Understanding Camera Types and Its Applications

Single Sensor Vs Multi Sensor Cameras

[11:10] — [11:30]

Shutter Speed Optimization And Effect On Image Quality

[11:30] — [12:00]

Gain & Noise Reduction Parameters and Its Effect On the Scene

Day 3

[10:00] — [10:30]

Artificial Intelligence in CCTV

Comparison With Traditional Analytics

[10:30] — [11:00]

Integration of Cameras with Other VMS Vendors

About ONVIF Protocol

[11:10] — [11:30]

Why NVR and Its Application

Different Types Of NVR



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[11:30] — [12:00]

What Is RAID

RAID Vs Non RAID

Wisenet Toolbox – Storage Calculation

Day 4

[10:00] — [10:30]

Why & Where VMS is used

Server Based Recording Solutions

[10:30] — [11:00]

VMS Functionalities

Events, Mapping , Sequencing , Alarm Management,
Ai Search, Dash Board & Reports

[11:10] — [11:30]

Control Room Monitors Quantity Design

Use Of Video Wall

[11:30] — [12:00]

Discussions