level® one

IP CamSecure Pro Series Surveillance Management Software

FCS-9100 Series
FCS-9200 Series

Powerful Surveillance Management Software

LevelOne has developed intelligent and advanced featured surveillance management software that compliments our digital IP Surveillance Cameras. Features such as a Smart Guard system and Smart Search system allows for general monitoring of motion, missing objects, foreign objects and camera occlusion.

This Smart Guard and Smart Search system is currently the most advanced surveillance software available in the surveillance market.

Smart Guard and Smart Search

The most exciting new features of the IP CamSecure software are the Foreign Object and Missing Object reporting feature. When monitoring an area, any foreign objects that do not belong there, such as bags, boxes, cars and people will trigger an alarm. So too is the Missing Object feature a valuable inclusion to monitor specific objects within a monitoring area. Once these objects are removed, an alarm is triggered notifying users about unsolicited activity.

Instant Actions and Notifications

IP CamSecure has several notification features that enable a surveillance system to monitor and report on certain activities. Notification includes on-screen display, sounding alert, e-mail alert, phone call alert, digital signal out and P/T/Z pre-set go.

Optimized Surveillance

Most surveillance systems still rely on traditional analogue CCTV Cameras for monitoring protected areas. To incorporate both digital IP Cameras and analogue CCTV Cameras in one system not only maximizes efficiency but also adds digital surveillance functionality.

LevelOne IP CamSecure enables users to use both digital and analogue cameras in one system for maximizing surveillance investment without immediate replacement of currently used systems. The surveillance software supports digital and analogue to provide a complete monitoring and surveillance management system.

FCS-9100 Series   FCS-9200 Series

Key Features

- Monitor up to 64 channels simultaneously
- Dual monitor supported for live view and playback simultaneously
- "Smart guard" event analysis and instant response to monitor larger areas more efficiently
- "Smart search" for easy locating of recorded events as well as multi-events viewer and filter
- Enhance images of recorded video
- "Counting application" for objects amount control

- Supports Web-based and 3G mobile remote monitoring
- Complete system and event log database
- Relies on hard disk drive storage instead of video tapes
- Broadcast live video over the Internet for remote viewing
- Support both digital and analogue cameras in one system
- Control pan/tilt/zoom features on cameras

Technical Specification

Max # of Cameras Live View, Monitor and Record

4 Channels:
FCS-9104	IP CamSecure Pro4
FCS-9204	IP CamSecure Pro4 Plus

8 Channels:
FCS-9108	IP CamSecure Pro8
FCS-9208	IP CamSecure Pro8 Plus

16 Channels:
FCS-9116	IP CamSecure Pro16
FCS-9216	IP CamSecure Pro16 Plus

32 Channels:
FCS-9132	IP CamSecure Pro32
FCS-9232	IP CamSecure Pro32 Plus

64 Channels:
FCS-9164	IP CamSecure Pro64
FCS-9264	IP CamSecure Pro64 Plus

Compatibility
*Compatible with LevelOne IP cameras.
More IP cameras of other major manufacturers supported in FCS-92xx.

Multi-Language Embedded
Turkish, Traditional Chinese, Simple Chinese, Danish, Japanese, Hungarian, Spanish, Greek, French, Finnish, Russian, English, Thai, Czech, Slovak, Korean, Italian, Portugal Portuguese, Brazil Portuguese, German, Farsi and Hebrew.

Hybrid Camera Management
Monitor IP digital and CCTV analog cameras in one surveillance system

Dual Monitor
User is able to monitor multiple channels with reasonable image size or live view and playback simultaneously

Smart Guard
Events triggered by general motion detection, missing/foreign object detection, signal lost, camera occlusion, lose focus, external input or system status

Motion Detection
Camera-based motion detection with image exclude filter for image areas of no interest in specific period

Smart Search
Search unusual events with specific parameters from recorded video

Alarm Notification
Play sound, send emails, send SMS message, make phone calls, PTZ PRESET GO, signal digital output, on screen display and instant recording.

Counting Application
Count how many times objects moving between different locations

Video Compression
MJPEG / MPEG-4

Audio
Support full duplex real time audio

User Account
Multiple user authentication levels with password restriction rules for unlimited users

Log Viewer
All unusual events ,system events by date/time and/or cameras

Recording
Continuous recording, manual recording/snapshot, record by schedule, record by digital input or triggered event, and record moving only (pre/post record buffer is up to 60 seconds).

3GPP
**Monitor in 3G mobile devices which are equipped with 3G video playback.

DDNS
Support DtDNS and Dynu.

Upgrade
No extra charge required for the further upgrade

Playback

Simultaneously Playback
16 Channels

Image Enhancer
Improve recorded video to get better image during playback and can be applied during export

Search for Recordings
Search for recordings based on date, time or specific video parameters.

Playback
Controllable speed 1/16x~16x or frame by frame

Video Clip Export
Export single BMP/JPEG images to file or printer
Export video in AVI

P/T/Z and I/O

PTZ Support
Control of PTZ cameras and preset positions

Preset Patrolling
Multiple cameras patrolling

Go to Preset on Event
Yes

Input/Output Control
Support digital input/output control

Remote Access via Remote Client Application

Remote Client Application
Remote live Viewer/ Remote Playback

PTZ Support
Control of PTZ cameras

Max # of Cameras Live View
Up to 16 Channels from different servers

Max # of Cameras Playback
Up to 16 Channels

Remote Access via Web Browser

Max # of Cameras Live View
Up to 4 Channels

Minimum System Requirements

CPU
Intel P4 2.8 GHz

RAM
512MB

Mother Board
Intel 945 or 965 chip or above
MB vendor ASUS with Intel chipset recommended

Video Card
ATi Radeon 9200, nVIDIA GeForce FX-5200, Intel 945G/965G or above (ATi recommended)

Hark Disk
80GB or above

OS
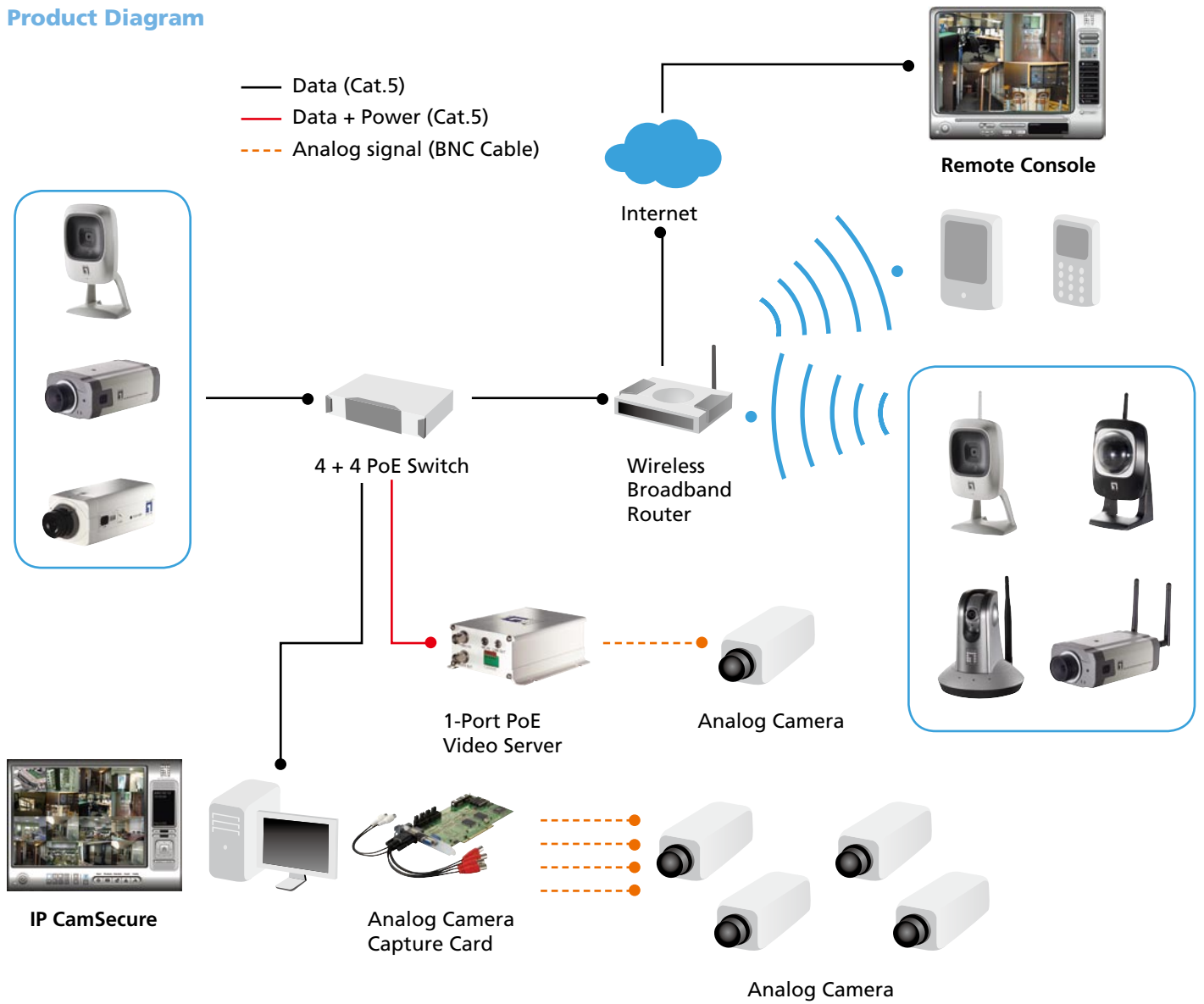MS Windows 2000/XP Pro SP2/2003/Vista

Supported Camera Models

	IP CamSecure Pro Series	IP CamSecure Pro Plus Series
Model name	FCS-91 04/08/16/32/64	FCS-92 04/08/16/32/64
Camera Support		
LevelOne	FCS-0010, FCS-0020, FCS-1010, FCS-1030 V1.0, FCS-1030 V2.0, FCS-1040, FCS-1050, FCS-1060, FCS-1070, FCS-1081, FCS-1081A, FCS-1091, FCS-1101, FCS-3000, FCS-0031, FCS-3021, FCS-4x00, FCS-7011, WCS-0010, WCS-0020, WCS-1090, WCS-2010 V1.0, WCS-2010 V2.0, WCS-2030 V1.0, WCS-2030 V2.0, WCS-2030 V3.0, WCS-2040, WCS-2060, WCS-2070, FCS-4010, FCS-5011, FCS-5030, FCS-8005, FCS-8004	
ACTi		SED 2100, SED 2120, SED 2140, SED 2400, SED 2420, SED 2600, SED 2610, SEM 1110, ACM SERIES, CAM 5300, CAM 5130, CAM 5140, CAM 5150, CAM 5500, CAM 6100, CAM 6200, CAM 6500, CAM 6510, CAM 6520, CAM 6600, CAM 7100, CAM 7120, CAM 7200, CAM 7220, CAM 7300, CAM 7320, CAM 6620, SED 2310, SED2320, CAM 5200, CAM 5XXX, CAM 6220, CAM 6XXX, CAM 7XXX, SEM 1XXX
ATLANTIS LAND		A02-OIPCAM1, A02-OIPCAM2, A02-OIPCAM3, A02-IPCAM5, A02-IPCAM6, A02-IPCAM7, A02-IPCAM8, A02-IPCAM9, A02-IPCAM10, A02-IPCAM11, A02-IPCAM12, A02-IPCAM13 ,A02-IPCAM14, A02-IPCAM15, A02-IPCAM16, A02-IPCAM17
AXIS		205, 206, 206M, 206W, 207, 207W, 207MW, 209FD, 210, 210A, 211, 211A, 212, 213, 214, 215, 216FD, 221, 225FD, 231D, 232D, 240Q, 241Q, 241QA, 241S, 241SA, 242S, 2460, 233D
D-Link		DCS-6620, DCS-6620G, DCS-5220, DCS-5300, DCS-5300G, DCS-2120, DCS-3420, DCS-3220, DCS-3220G, DCS-2100, DCS-2100G, DVS-104, DVS-301, DCS-900, DCS-G900, DCS-950, DCS-950G
ETROVISION		EVxx10
Hitron		HNCB-E1SN, HNG-E1SAW0S4, HWD125MN, HECMC4V0C4
FINE		TCP-690, TCP-690DN, TCP-HP930, WB-8211SD, WB-8411, CDV-3V930, TCP-690U, TCP-HP930U, WB-8211SDU, CDV-3V930U, EP-936, EP-908, EP-601, EP-201, EP-221, EP-221DN
JVC		VN-C20U, VN-E4(U), VN-C205U, VN-C215U, VN-C655U
Lumenera		le045c, le045c-dn, le075c, le075c-dn
MOBOTIX		M12D-IT-DNight, M22M-IT, D12Di-IT
Panasonic		BB-HCM311, BB-HCM331, BB-HCM371, BB-HCM381, BB-HCE481, BB-HCS301, BB-HCM511, BB-HCM515, BB-HCM581, BL-C10, BL-C1, BL-C20, BL-C30, BL-C111, BL-C131, KX-HCM110, KX-HCM280A, WV-NP472, WV-NS324, WV-NF284, WV-NP1000, WV-NP1004, WV-NM100, WV-NP240, WV-NP244, WV-NS202, WV-NW484, WV-NW964
PiXORD		100, 120/126/128, 200/206, 201, 205, 207, 240, 241, 261, 262, 263, 300, 400/42X, 461, 463, 1000, 1401, 2000, 4000, 8504, 405, 405M, 410, 411/412
PLANET		ICA-510, ICA-700, ICA-151W, ICA-151, ICA-750, ICA-107W, ICA-107P, ICA-107
PROBE		IP Fixed Camera, IP PTZ Camera
SAMSUNG		C6475
SONY		SNC-DF40, SNC-DF70, SNC-P1, SNC-P5, SNC-RZ25, SNC-RZ50, SNC-RX550, SNC-CS50, SNC-CS3, SNC-Z20, SNC-RZ30, SNC-CS10, SNC-CS11, SNT-V704, SNC-RX530, SNC-DF50, SNC-DF80
TOSHIBA		IK-WB02A, IK-WR01A
VIVOTEK		VS 2101, VS 2401, VS 2402, VS 2403, VS 3100, VS 3101, VS 3102, VS 3102-XLTH, VS 3103, VS 3107, VS 3108, VS 6000, VS 6100, VS 6104, VS 7000, VS 7101, SD 6000, SD 6101, SD 61x2, FD 6000, FD 61x1, FD 61x2, TC 5330, TC 5331, TC 5630, TC 5631, IP 21x1, IP 21x2, IP 31x1, TLFN, IP 31x1, IP 31x2, IP 31x7, IP 31x8, IP 3129, IP 3132, IP 3133, IP 3134, IP 3135-PLNX, IP 3135, IP 3136-PLNX, IP 3136, IP 3137, IP 51x2, IP 51x4, IP 5104, IP 5114, IP 5124, IP 5134, IP 6000, IP 61x2, IP 61x4, IP 61x7, IP 6104, IP 6114, IP 6124, IP 6134, IP 7000, IP 71x4, IP 71x7, IP 7135, IP 7136, IP 7137, IP 7151, IP 7152, PT 31x2, PT 31x3, PT 31x4, PT 31x7, PT 31X2, PT 31X3, PT 3134, PT 51x4, PT 5104, PT 5114, PT 5124, PT 5134, PT 6000, PT 61x4, PT 6104, PT 6114, PT 6124, PT 6134, PT 7000, PT 7135, PT 7137, PZ 6000, PZ 61x2, PZ 61x4, IP 7131, IP 7132, IP 7138, IP 7139, VS 7100, FD7131, SD7151, IP7142
ZAVIO		D611E, D611A, D610A, F611E, F611A, F610A, V111T, S610A, F721E, F721A, F720A, F711E, F711A, F710A, F211A, F210A, F212A, F310A, F312A, M210A, M212A, M610A, M612A, F613A, F510E, F510W, F511E, F511W, F711E, F710E, D510E, D511E, M310A, M312A

*Please visit http://global.level1.com for the compatible product list.
**This feature depends on the mobile telecom service provided and the mobile phone model. LevelOne does not guarantee that this feature will work in all countries.
***The specification is subject to change. Please visit http://global.level1.com for the latest specification.

Product Diagram

- Data (Cat.5)
- Data + Power (Cat.5)
- Analog signal (BNC Cable)

Internet

Remote Console

4 + 4 PoE Switch

Wireless Broadband Router

1-Port PoE Video Server

Analog Camera

IP CamSecure

Analog Camera Capture Card

Analog Camera

Order Information

FCS-9104: IP CamSecure Pro4
FCS-9108: IP CamSecure Pro8
FCS-9116: IP CamSecure Pro16
FCS-9132: IP CamSecure Pro32
FCS-9164: IP CamSecure Pro64
FCS-9204: IP CamSecure Pro4 Plus
FCS-9208: IP CamSecure Pro8 Plus
FCS-9216: IP CamSecure Pro16 Plus
FCS-9232: IP CamSecure Pro32 Plus
FCS-9264: IP CamSecure Pro64 Plus

Package Content

CD Manual / Utility
USB Dongle
Quick Installation Guide

V1.0