

Spectiva

Spectiva SVE

Spectiva RT

Spectiva RTL

Spectiva RTLR

Spectiva NET



SPECTIVA NET is an ideal solution for installations where wireless TCP/IP links are more suitable than the conventional cabling, or anywhere a TCP/IP network infrastructure is available.



With SPECTIVA NET it is possible to supervise motion, visualize and record any native IP camera, or any camera encoded by supported encoders with different algorithms: H264, MPEG4 Main Profile, MPEG4, Wavelet and JPEG. Furthermore, it is possible to record a copy of each camera's images from any SPECTIVA connected to the network.

The multi-sector approach allows for the simultaneous recording of cameras with two or more frequencies (FPS) and resolutions, with or without motion detection, in different physical places.

The new version of SPECTIVA includes the new functions of "Counting" (the system "counts" the movements between different video areas) and of "Crowd Detection" (the system monitors people or object sending an alarm at a given threshold). SPECTIVA NET is available in the 4 or 32 IP video inputs configuration.

OPEN SYSTEMS PROVIDED BY RTP/RTSP PROTOCOLS

Standard real time transport and streaming protocols RTP/RTSP have been implemented on the latest versions SPECTIVA to answer a well known demand of integration (RTP/RTSP protocols provide "open" systems and perfect compatibility). Data transport is also enhanced by a control protocol (RTCP) to allow monitoring of data delivery to large multicast networks in a scalable way, and to provide minimal control and identification functionalities. CIEFFE streaming technology has been tested with many different clients and proved to be perfectly compatible with the most known video players capable of displaying streamed medias, such as VideoLan, Mplayer or Apple QuickTime.

	SPECTIVA NET LE4	SPECTIVA NET32
Video inputs	4 IP	32 IP
Loupthrough	No	No
Audio channels	Via LAN	Via LAN
Spot monitors	Optional (via network)	Optional (via network)
Audio channels (bi-directional)	1	1
Alarm inputs (optoisolated)	128 Optional (Extension board) or via network	128 Optional (Extension board) or via network
Auxiliary outputs (relay)	128 Optional (Extension board) or via network	128 Optional (Extension board) or via network
Operator interface	IP	VGA
Internal storage archive	300GB	Up to 1600 GB
Raid5 archive with hot swap disks	No	Yes - 1600 e 3000 models
Recording speed (ips)	Device dependent	Device dependent
Resolution	Megapixel, D1, 2CIF, CIF, QCIF	Megapixel, D1, 2CIF, CIF, QCIF
IPS per camera	Device dependent	Device dependent
Recording compression algorithms	H.264 / MPEG4 Main Profile / Enpacta / Wavelet / JPEG	H.264 / MPEG4 Main Profile / Enpacta / Wavelet / JPEG
Transmission compression algorithms	H.264 / MPEG4 Main Profile / Enpacta / Wavelet / JPEG	H.264 / MPEG4 Main Profile / Enpacta / Wavelet / JPEG
Multiencoding system	Yes	Yes
Ethernet ports	10 / 100 Mbits	Gigabit
USB port	Yes (v2.0)	Yes (v2.0)
Serial interface	RS.232	RS.232
Keyboard / Mouse port	PS/2	PS/2
Operating system	XP embedded	XP embedded
Main processor	Via Luke Fanless	Intel Core 2 Duo
Power supply	12 VDC ± 5%	110/220 Vac
Power consumption	60 W	Max 450 W
Operating temperature	5 – 50°	5 – 50° (5 -35° with internal RAID)
Relative humidity	8 -90% non condensing	8 -90% non condensing
Peso	6,5Kg	20Kg
Dimensions	430 x 410 x 65 mm	435 x 550 x 177 mm

HIGH PERFORMANCE AND QUALITY

- Recording speed up to 800/960* images per second at maximum quality/resolution
- True Pentaplex Functionality – simultaneous recording, playing, viewing, archiving and transmitting at all times, regardless of image content or system activity
- Multi-sector recording – multiple recording speeds, recording qualities and recording times for each camera
- Multiple playback of synchronized audio and video from one or more SPECTIVA servers
- Support for multi-encoder technology
- Support for Multi-brand Multi Megapixel network cameras (32 IP)

TOP SECURITY

- Motion detection – integrated Dynamic Neural Networks-based motion detection, configurable for each input
- Motion tracking and behaviour analysis with the new Deepath2™ algorithm
- Neural search – intelligent neural-network based image search based on movements or objects contained within a camera view
- Permanency detection - detect any specific object or movements within any camera view and raise an alarm

HIGH QUALITY

- Multiple image compression algorithms – H.264, MPEG4 Main Profile, Wavelet e Enpacta™
- Quality and savings – high quality video transmission on extremely low bandwidths for reduction of storage and connectivity costs

FULL NETWORKING

- Powerful networkability – true client-server architecture with full remote control via TCP/IP
- Use of any network storage device for greater flexibility and unlimited storage capacity
- Integrated web video/audio server for connections via Internet Explorer

SOFTWARE COMPATIBILE

- RemoteControl - Full TCP/IP Client
- RemoteView - Simple TCP/IP Client
- VisionWeb - Internet Explorer TCP/IP Client
- SiteManager - Full TCP/IP Multi-server Client
- Cieffe Developer Kit API

*PAL / NTSC

2 year warranty

CIEFFE are continuously in research and development and therefore reserves the right to alter specifications and prices without notice. For precise information, please contact your CIEFFE representative. Subject to change in design and specifications. Subject to error.

HARDWARE OPTIONS

- Internal CD/DVD writer
- External USB CD/DVD writer
- SCSI port
- USB RS422/RS485 interface
- USB I/O Extension board
- External RAID5 storage rack
- USB 2.0 support
- Auto-configuration wizard
- VGA video interface
- Full screen live
- Full screen playback
- H.264 compression
- Bi-directional audio channels
- Alarm inputs (optional)
- Relay outputs (optional)
- Pre-alarm recording
- Pre-motion recording
- Camera darkening detection
- Camera movement detection
- Privacy patch
- Audio detection
- Virtual zoom
- Image touch-up
- Image print
- Image/video export
- Image/video export authentication
- Embedded operating system
- Firmware upgrade via network
- Compatible with existing networks

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