LINEARIS NET

The LINEARIS NET is the series' network version, capable of handling four to sixteen IP video inputs with both the most common and performing compression algorithms. LINEARIS NET is a Digital Video Management System with an excellent cost/performance ratio. Technical specifications assure outstanding networking performances: combined with CIEFFE NETTUNO encoders or IP cameras, LINEARIS NET allows to easily create multi-site installations and to turn old analog systems into new, scalable IP architectures. LINEARIS NET is gifted with up to 400GB storage capacity.

With LINEARIS it is possible to supervise motion, visualize and record any CIEFFE device or any camera encoded by NETTUNO encoders with different algorithms: H.264, MPEG4 Main Profile and JPEG.

OPEN SYSTEMS PROVIDED BY RTP/RTSP PROTOCOLS.

Standard real time transport and streaming protocols RTP/RTSP have been implemented on the latest versions LINEARIS 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.

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	LINEARIS NET	LINEARIS NET LE
Video inputs	16 IP	4 IP
Loopthrough	No	No
Audio channels	IP	IP
Spot monitors	Optional (via network)	Optional (via network)
Audio channels (bi-directional)	1	1
Alarm inputs (optoisolated)	16 Optional (extension board)	16 Optional (extension board)
Auxiliary outputs (relay)	16 Optional (extension board)	16 Optional (extension board)
Operator interface	IP	IP
Internal storage archive	Up to 400 GB	300 GB
Raid5 archive with hot swap disks	No	No
Recording speed (ips)	Device dependent	Device dependent
Resolution	Device dependent	Device dependent
IPS per camera	From 1 IPS to 25/30 IPS*	From 1 IPS to 25/30 IPS*
Recording compression algorithms	H.264 / MPEG4 Main Profile / JPEG	H.264 / MPEG4 Main Profile / JPEG
Transmission compression algorithms	H.264 / MPEG4 Main Profile / JPEG	H.264 / MPEG4 Main Profile / JPEG
Ethernet ports	Gigabit	10 / 100 Mbits
USB port	Yes	Yes
Serial interface	Yes	Yes
Keyboard / Mouse port	PS/2	PS/2
Operating system	XP embedded	XP embedded
Main processor	Pentium 4	Via Luke Fanless
Power supply	110 / 220 VCA ± 10%	12 VDC ± 5%
Power consumption	Max 450 W	60 W
Operating temperature	5 – 50°	5 – 50°
Relative humidity	8 -90% non condensing	8 -90% non condensing
Weight	12Kg	6,5Kg
Dimensions	430 x 430 x 130 mm	430 x 410 x 65 mm

HIGH PERFORMANCE AND QUALITY
• No performance degradation with unsynchronized cameras
• Recording speed up to 400/480* images per second at maximum quality
• True Pentaplex Functionality – simultaneous recording, playing, viewing, archiving and transmitting at all times, regardless of image content or system activity
• Compression algorithms MPEG4 Main Profile and H.264
• PTZ Control – fully integrated multi-vendor PTZ support with minimum latency

REAL TIME MOTION DETECTION
• Support for real time motion detection

FULL NETWORKING
• Powerful networkability – true client-server architecture with full remote control via TCP/IP
• Integrated web video/audio server for connections via Internet Explorer
• High quality video transmission on extremely low bandwidth

EASY TO USE
• Point-and-click graphic user interface for simple, immediate and precise control
• Visual Search – fast and easy access to all recorded material, simple and effective
• Flexible user management – control access to cameras and functions by user

TOP SECURITY
• Embedded hardware architecture
• Embedded operating system
• Integrated firewall for direct Internet connection

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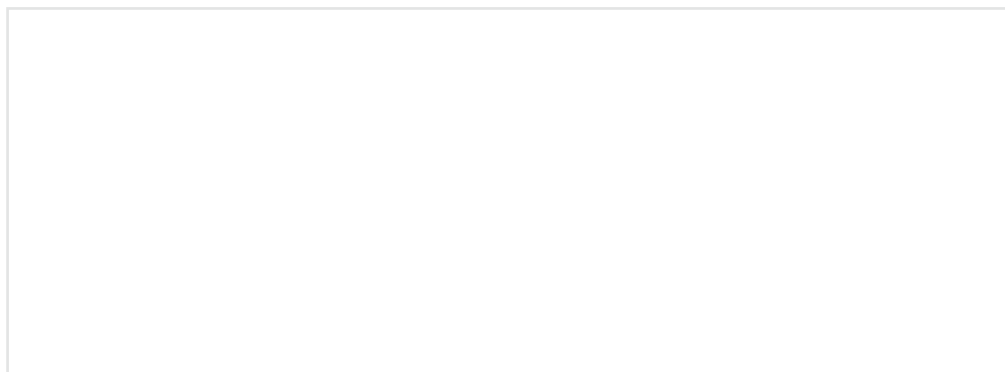• Cieffe Developer Kit API

HARDWARE OPTIONS
• External USB CD/DVD writer
• USB I/O Extension board
• CIEFFE Keyboard

• USB 2.0 support
• Auto-configuration wizard
• Full screen live
• Privacy patch
• Full screen playback
• Pre-motion recording
• Virtual zoom
• Image touch-up
• Image print
• Image/video export
• Image/video export authentication
• Firmware upgrade via network
• Compatible with existing networks

*PAL / NTSC
2 year warranty

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