



LINEARIS^{LE}



Linearis
Linearis MINI
Linearis LE
Linearis LC
Linearis RM

LINEARIS LE is the compact version of the LINEARIS series, capable of handling 6 or 12 unsynchronized cameras with bidirectional audio. All the features available in the LC and RM versions are also available in this embedded model, accessible only by LAN / WAN / xDSL / ISDN / Internet and competitive in cost-performance.

The technical specifications, the exceptional network performance, the completely embedded hardware architecture and the superior video quality guaranteed by the new generation of DSPs,

LINEARIS

LINEARIS is CIEFFE's new Digital Video Management System, a fully automated MPEG4 main profile system capable of reacting to external conditions without user intervention. Available in a new configuration with 6, 12 or 16 input version, LINEARIS seamlessly combines various recording modes with internal motion detection features, fast search capabilities, external alarm inputs and built in relay outputs.

Its flexible architecture and proprietary MPEG4 Main Profile compression algorithm consistently deliver superior visual quality at exceptionally low file sizes. Recording time is thus dramatically increased while costs are significantly reduced.

make LINEARIS LE the ideal solution for all sites, such as pharmacies, drugstores, retail stores, convenience stores, private homes, and shopping centres, centralized through a network to private security companies.

It has 120 GB of internal storage capacity, it can run as a server on any TCP/IP network, it's compatible with all CIEFFE software and can be completely controlled through CIEFFE's software suite.

LINEARIS is a mid-level solution, ideal for multi-site installations where high performance and reliability are required, together with exceptional video quality and high image rates. The on-board DSP compression chips allow for storage of months of high-quality video and audio recordings at reduced HDD costs.

Every LINEARIS DVMS has a built-in web server, VisionWeb. It allows viewing of live or recorded images (with audio) as well as control of PTZ cameras over any TCP/IP connection within Internet Explorer web browser - no special software is required. Video quality is handled dynamically by the MPEG4 Adaptive technology, which allows exceptional results even over an extremely limited and fluctuating bandwidth. On constant connections, our MPEG4 Main Profile hardware compression demonstrates all the visual quality and detail LINEARIS and of its new generation DSP based architecture delivers.

- Compact and light aluminium case



- Loophthrough
- USB 2.0 support
- Autoconfiguration
- VGA and CVBS video interface
- Full screen live
- Full screen playback
- Camera darkening detection
- Camera movement detection
- Commutated video outputs
- Bi-directional audio channels
- Relay outputs
- Alarm inputs
- Privacy patch
- Audio detection
- Relay outputs
- Pre-alarm recording
- Pre-motion recording
- 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



	LINEARIS LE 6	LINEARIS LE 12
Video inputs	6	12
Loopthrough	Yes	No
Audio channels	1 mono	1 mono
Spot monitors	Yes via NETTUNO	Yes via NETTUNO
Audio channels (bi-directional)	1	1
Alarm inputs (optoisolated)	8	8
Auxiliary outputs (open collector)	8	8
Operator interface	VGA	VGA
Internal storage archive	120GB	120GB
Raid5 archive with hot swap disks	No	No
Recording speed	100/120 IPS* @ CIF	200/240 IPS* @ CIF
Resolution	360x288/360x240* 720x576/720x480*	360x288/360x240* 720x576/720x480*
IPS per camera	From 1 IPS to 25/30 IPS*	From 1 IPS to 25/30 IPS*
Recording compression algorithms	MPEG4 Main Profile	MPEG4 Main Profile
Transmission compression algorithms	MPEG4 Main Profile Adaptive	MPEG4 Main Profile Adaptive
Ethernet ports	10/100Mbit	10/100Mbit
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	1GHZ	1GHZ
Power supply	12 VDC ± 5%	12 VDC ± 5%
Power consumption	70 W	70 W
Operating temperature	5 - 50 °C	5 - 50 °C
Relative humidity	8 - 90% non condensing	8 - 90% non condensing
Weight	2,7Kg	2,7Kg
Dimensions	340 x 260 x 65 mm	340 x 260 x 65 mm



Easy to use "point & click" interface



The search interface displays months of recorded video

HIGH PERFORMANCE AND QUALITY

- No performance degradation with unsynchronised cameras
- Recording speed up to 200/240* 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
- Powerful networkability – true client-server architecture with full remote control via TCP/IP
- Compression algorithms MPEG4 Main Profile
- Hardware compression for guaranteed performance
- PTZ Control – fully integrated multi-vendor PTZ support with minimum latency

REAL TIME MOTION DETECTION

- Motion detection – integrated Dynamic Leading Edge motion detection, configurable for each input

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, functions, bandwidth 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
- Cieffe Developer Kit API
- Cieffe VisionPocket

HARDWARE OPTIONS

- External USB CD writer
- 12VDC power supply
- USB RS422/RS485 interface for dome control

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.

Italy - United Kingdom - Benelux
New Zealand - Australia - Japan
USA - Middle East - Singapore

2 year warranty

* PAL / NTSC

CIEFFE s.r.l.

Via Lavoratori Autobianchi, 1
Edificio 23
20033 Desio - Milano - ITALY

phone +39 0362 17935

fax +39 0362 1793590

www.cieffe.com

info@cieffe.com

CIEFFE Benelux Bvba

Mechelsesteenweg 244
B - 1800 Vilvoorde
Belgium
Phone +32 (0)2 253 2829
Fax + 32 (0)2 253 5293

CIEFFE (Australia) Pty Ltd

59 - 63 Captain Cook Drive
Caringbah, NSW 2229
Australia
Phone +61 (0) 2 9531-2122
Fax +61 (0) 2 9531-2126

CIEFFE (UK) Ltd

60 Priestley Road
Surrey Research Park
Guildford
Surrey GU2 7YS
United Kingdom
Phone +44 (0) 1483 300456
Fax + 44 (0) 1483 301456

CIEFFE (NZ) Ltd

Gnd Floor, 180 Molesworth Street,
P O Box 2789, Wellington
New Zealand
NZ Freephone 0800 PROXIMA
Phone +64 (0) 4 471 2179
Fax +64 (0) 4 473 8619

