

# LINEARIS<sup>LE</sup>



Linearis

**Linearis LE**

Linearis LC

Linearis Rm

Linearis Mini

Linearis NET



LINEARIS LE is the compact version of the LINEARIS series, capable of handling 6, 12 or 16 unsynchronized cameras with bidirectional audio. The features available in the LC and RM versions are also available in this embedded model, accessible by LAN / WAN / xDSL / ISDN / Internet.

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

## LINEARIS LE

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.

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.

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.



- 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	LINEARIS LE 16
Video inputs number	6	12	16
Loupthrough	Yes	No	No
Audio channels	1 mono	1 mono	1 mono
Spot monitors	Optional (via network)	Optional (via network)	Yes
Audio channels (bi-directional)	1	1	1
Alarm inputs (optoisolated)	8	8	16
Auxiliary outputs (open collector)	8	8	16 (relay)
Operator interface	VGA	VGA	VGA
Internal storage archive	Up to 300GB	Up to 300GB	Up to 300GB
Recording speed (ips)	100/120 IPS* @ CIF	200/240 IPS* @ CIF	100/120 IPS* @ CIF
Resolution	D1, 2CIF, CIF, QCIF	D1, 2CIF, CIF, QCIF	D1, 2CIF, CIF, QCIF
IPS per camera	From 1 IPS to 25/30 IPS*	From 1 IPS to 25/30 IPS*	From 1 IPS to 25/30 IPS*
Recording compression algorithms	MPEG4 Main Profile	MPEG4 Main Profile	MPEG4 Main Profile
Transmission compression algorithms	MPEG4 Main Profile /MPEG4 Adaptive	MPEG4 Main Profile /MPEG4 Adaptive	MPEG4 Main Profile /MPEG4 Adaptive
USB port	Yes (v2.0)	Yes (v2.0)	Yes (v2.0)
Serial interface	RS.232	RS.232	RS.232
Keyboard / Mouse port	PS/2	PS/2	PS/2
Operating system	XP embedded	XP embedded	XP embedded
Main processor	Via Luke Fanless	Via Luke Fanless	Via Luke Fanless
Ethernet ports	10/100Mbit	10/100Mbit	10/100Mbit
Power supply	12 VDC ± 5%	12 VDC ± 5%	12 VDC ± 5%
Power consumption	60 W	60 W	60 W
Operating temperature	5 – 50°	5 – 50°	5 – 50°
Relative humidity	8 – 90% non condensing	8 – 90% non condensing	8 – 90% non condensing
Weight	2,7Kg	2,7Kg	7,4Kg
Dimensions	340 x 260 x 65 mm	340 x 260 x 65 mm	430 x 410 x 65 mm

**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
- 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**

- Real Time Motion Detection - Integrated Dynamic Leading Edge motion detection, configurable for each input
- Motion-based Search Capabilities

**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
- RTSP: network protocol support for video streaming

**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
- USB Extension Board
- Cieffe PTZ control keyboard



Easy to use "point & click" interface

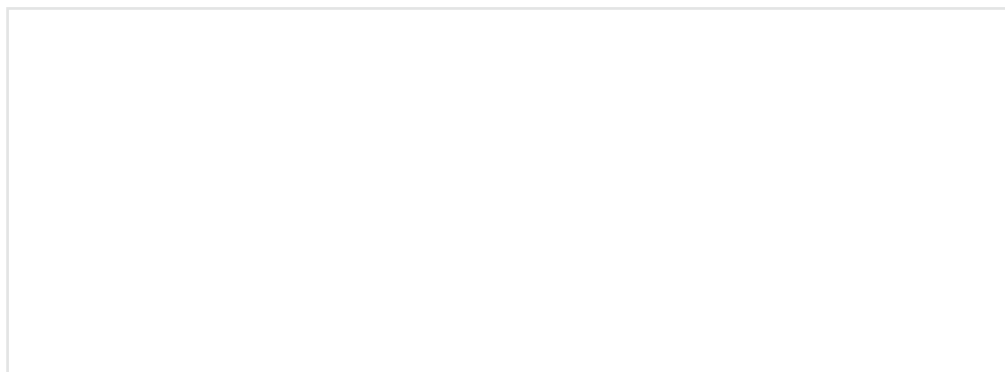


The search interface displays months of recorded video

\*PAL / NTSC

2 year warranty

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