



# PROXIMA<sup>LE</sup>



- Proxima
- Proxima RM
- Proxima LC
- Proxima LC PLUS
- Proxima LE
- Proxima LE NET
- Proxima MINI

PROXIMA LE is a fully embedded system. It offers most of the features available in LC and RM models and provides the structure and simplicity that allows the system to easily connect to a network. This enables control of all functions, configuration and access to video footage, from one or more central or global sites via LAN, WAN, ISDN, PSTN, GPRS, Internet. In other words, any type of connection that supports TCP/IP.

4 or 8 unsynchronised cameras with bidirectional audio can be connected to each PROXIMA LE unit.

**PROXIMA**  
PROXIMA is a fully-featured 4, 8 or 16 channel Digital Video Management System that offers video recording, motion detection, multiplexing, and video transmission capabilities. Its Pentaplex functionality allows for simultaneous recording, playing, viewing, archiving and transmitting at all times, in high resolution and with deterministic performances, regardless of image content or system activity.

Thanks to its Wavelet compression technology PROXIMA can store crisp, clear, high resolution, full-frame images at 720x576/720x480 pixels (PAL/NTSC). Image compression, image resolution and all other recording parameters can be adjusted on a camera by camera basis. All images are digitally signed and encrypted, protecting against tampering or modification.

PROXIMA has been designed as the successor of traditional non-digital CCTV systems. Its features, together with its flexibility, ease of installation and of maintenance, combine in a single product functions once obtainable only with many different systems.

It can be used as a standalone unit or as a server over any TCP/IP network with undiminished performance.

Compact, highly integrated, and rich in features and networking abilities, the LE series is a Digital Video Management System that offers an optimal balance between performance and price, and is ideal solution for banks, warehouses, schools, parking buildings and prime real estate.

- Compact and light aluminium case



PROXIMA is the ideal solution for multi-site installations where high performance levels are required. It is also perfect for anybody concerned with space and bandwidth issues: the transport industry (stations, but also vehicles such as trains, buses, planes etc.), banks, shopping centers, schools and residences are some of the sectors where PROXIMA is regarded as one of the most advanced systems on the market today.

PROXIMA servers can be remotely managed. An unlimited number of PROXIMA servers can be connected to the network and used by one or more clients to display live or recorded video, to transmit live audio and to easily update the software.

Its intuitive interface offers the highest standards of usability and allows the user to have full control of the system.

PROXIMA is compatible with CIEFFE hardware and software, i.e. it can be connected with any CIEFFE DVMS and is compatible with all the software suite, including the powerful SITE MANAGER that can manage complex and multi-functional installations.

- Auto-configuration wizard
- Full screen live
- Full screen playback
- Alarm inputs
- Open collector outputs
- Pre-motion recording
- Virtual zoom
- Image print
- Image touch-up
- Image/video export
- Image/video export authentication
- Embedded operating system
- Firmware upgrade via network
- Compatible with existing networks





	PROXIMA 4 LE	PROXIMA 8 LE
Video inputs	4	8
Loophrough	Yes	No
Spot monitors	1	1
Audio channels (bi-directional)	1	1
Alarm inputs (optoisolated)	8	8
Auxiliary outputs (relay)	8	8
Operator interface	VGA	VGA
Internal storage archive	up to 120GB	Up to 120GB
Raid5 archive with hot swap disks	No	No
Recording speed	50/60 IPS*	50/60 IPS*
Resolution	720x576/720x480*	720x576/720x480*
IPS per camera	From 1 IPS to 25/30 IPS*	From 1 IPS to 25/30 IPS*
Recording compression algorithms	Wavelet	Wavelet
Ethernet ports	10/100 Mbit	10/100 Mbit
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	70W	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 of 50/60\* full frame images per second at maximum quality and 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
- Powerful networkability – true client-server architecture with full remote control via TCP/IP
- Multiple image compression algorithms (Wavelet and Delta Wavelet)
- 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
- Camera Boost – automatically increase or decrease camera recording rates in response to detected activity

**FULL NETWORKING**

- Integrated web video/audio server for connections via Internet Explorer
- Delta Wavelet - 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

**COMPATIBLE SOFTWARE**

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

**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

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