

PROXIMA^{mini}



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

PROXIMA MINI is a fully embedded system, it is the ideal solution for mobile installations such as buses, train, planes etc. Its compact and resistant embedded architecture comes in a relatively small case (230x190x64mm) and with a low-consumption adapter (12/24VDC).

Maximum stability and reliance are guaranteed by a flash memory that hosts the software (Linux Embedded). Storage is provided on an internal 1.8" HDD, highly resistant to operating shock and ranging from 20 to 60 GB in storage capacity. At the heart of PROXIMA MINI lies a new high-performance MIPS microprocessor that can process data at a high speed with low consumption (less than 1 watt!). The onboard DSP processor can process more than 4800 millions of instructions per

second. Its flexible architecture and proprietary MPEG4 Main Profile compression algorithm consistently delivers superior visual quality at exceptionally low file sizes. Recording time is thus dramatically increased while costs are significantly reduced. Revolutionary MPEG4 Adaptive transmission algorithm's impressive results are visible even at low bandwidth.

- Compact and light aluminium case



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. 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.

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.

- Non-PC based
- Linux Embedded operating system
- Firmware upgrade via the network
- Compatible with existing networks
- Auto-configuration wizard
- Full screen live
- Full screen playback
- Alarm inputs
- Open collector outputs
- Pre motion recording
- Text Insertion
- Virtual Zoom
- Image touch-up
- Image print
- Image/Video export
- Image/Video export authentication





| PROXIMA MINI | |
|-----------------------------|------------------------------------|
| Video Inputs | 4 |
| Loopthrough | Yes |
| Audio channels | 1 |
| Audio output | 1 |
| Alarm inputs (optoisolated) | 4 |
| Auxiliary outputs (relay) | 4 |
| Internal storage archive | 20/40/60GB 1,8" |
| Recording speed | 50/60 IPS* |
| Resolution | CIF |
| IPS per camera | from 1 IPS to 25 IPS |
| Compression algorithm | MPEG4 Main Profile |
| Transmission algorithms | MPEG4 Main Profile, MPEG4 Adaptive |
| Max simultaneous connection | 5 (1 adaptive) |
| Ethernet port | 10/100 Mbit |
| USB port | Yes |
| Serial interface | RS.232 / RS.422 |
| Keyboard / Mouse port | No |
| PC based | No |
| Operating system | Linux Embedded on flash memory |
| Main processor | MIPS32 333Mz |
| Power supply | 12/24Vdc \pm 5% |
| Power consumption | 20 Watt |
| Operating temperature | 5 – 55 °C |
| Relative humidity | 8 – 90% non condensing |
| Operating shock | 100G / 2ms |
| Operating vibrations | 0,67G / 22-500hz |
| Weight | 2,3 Kg |
| Dimensions | 230 x 190 x 64 mm |



Easy to use "point & click" interface



The search interface displays months of recorded video

HIGH PERFORMANCE AND QUALITY

- No performance degradation with unsynchronized cameras
- Recording speed up to 50/60 IPS*
- 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
- Transmission algorithms MPEG4 Main Profile and MPEG4 Adaptive
- 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

- 12VDC power supply
- USB I/O extension board

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.

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3 year warranty

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