

MP4-800

- Broadcast quality images
- True Hybrid Intelligent Video Processor - Analogue and IP camera inputs*
- Crystal clear sound at up to 96 KHz sampling
- De-interlaced playback
- Efficient storage using MPEG4 compression
- View cameras on dual-monitor map overlays



The latest generation of plettac's Intelligent Video Processors offers high-performance MPEG4 compression. This system records broadcast quality real time video and crystal-clear audio from up to 16 analogue and 16 IP cameras whilst consuming a fraction of the disk space of other products on the market.

Select the cameras you want to view from a list on the primary interface or use a dual-monitor display via IVP Client to overlay cameras onto maps, aerial photographs or IT network diagrams.

Kalagate approved authentication

plettac's servers offer highly-secure authentication for MPEG4 data files, for both video and audio.

High quality, lip-synched audio

The servers provide full frame, real-time recording of 16 camera channels with better than CD quality, lip-synchronised audio on all.

MPEG4 compression allows you to record for a longer period through reduced disk storage requirements which typically is more than 80% over JPEG based systems, 66% over Wavelet based systems and 40% over MPEG2 based systems.

Intelligent Event Viewer – Security managers can be overwhelmed by a high volume of information. You can filter on a per camera basis the types of events that are displayed when viewing both live and recorded data.

Search Expert – allows you to retrospectively define regions of interest to search for recorded events without originally assigning inputs or VMD.

Camera Sabotage Detection (CSD) – initiates an alarm condition when there is a defocussed, moved, shaken or obscured camera view.

Video motion detection (VMD) – enables you to configure the system to register an event when movement is detected in a particular camera view, so that significant incidents can be easily located when reviewing recordings. Alternatively, you can configure the system to record from specific cameras only when it detects motion, thus reducing recording time and saving disk space.

Other standard controls such as Export, Print and Snapshot are easily accessible from the primary GUI.

BENEFITS

- >800 ips
- IP camera support
- Strong authentication
- Multi-stream architecture
- Stereo audio with up to 96 kHz sampling
- Parallel DSP architecture
- Mixed Live/Playback display
- Ganging multiple camera views
- Digital Zoom
- Intelligent event viewer
- De-interlaced playback
- Configurable authorisation levels
- Sophisticated video searching
- Camera Sabotage Detection
- Remote system operation:
 - configuration
 - export
 - playback
- Reliable VMD
- Detachable connection panel
- Up to 32 external alarm inputs
- Flexible event association
- Video loss alarm
- Gigabit Ethernet - 1000Base-T
- Multi manufacturer PTZ support
- Fully scalable system
- 8 and 16 channels
- Unlimited network expansion
- Integral DVD writer
- Up to 10.0 TB internal data storage
- Limit network bandwidth usage
- On Screen Keyboard

TECHNICAL SPECIFICATION	DESCRIPTION
Video inputs	8/16 channels P AL/NTSC (Analogue) + IP cameras*
Compression	MPEG4 Video: 56 Kbits up to 8 Mbits/sec Audio: up to 348 Kbits/sec
Loop-through outputs	One per input channel
Capture resolutions	720x576 (4CIF), 720x288 (2CIF), 352x288 (CIF), 176x144 (QCIF)
Recording rate	400 frames/800 images per second (PAL) (480/960 NTSC)
Audio inputs	16 stereo/32 mono channels
Audio sampling	16 bit, 48 KHz (12, 24 & 96 KHz optional)
Alarms	up to 32 inputs and 16 outputs

INTERFACES	
Network	10/100/1000 Mbps
Display	SVGA; up to 1024 x 780, 32 bit colour. Optional dual-monitor support via IVP Client
SCSI	Optional
Keyboard/mouse	PS2 or USB
PTZ	RS485 / RS422
Auxiliary ports	Serial: 9-pin "D" type Parallel: 25-pin "D" type Firewire: IEEE 1394 USB: 6 (4 x rear; 2 x front)

HARDWARE	
Export Storage:	Internal CD, DVD, Networked hard-disk drives 1000 GB standard Expandable up to 10.0 TB
	External via SCSI/NAS RAID5 via SCSI interface
Sequencer (optional)	4 x programmable cycling video outputs
Dimensions	220 x 440 x 560 mm
Weight	up to 25 kg
Power	230 W
Operating temperature	5°C – 50 °C
Relative humidity	5%-85% (non condensing)
Data Logger	System performance, internal/external temperature, fan operation

*IP camera input capacity dependant on image rate and resolution; consult the camera manufacture for details.



CERTIFICATIONS & APPROVALS



Class A Digital
Device EN 5008-1



Certification of the
IVP processor range

