UVP RECORDER
A smart and secure storage solution for video footage and metadata.

UVP VIEWER
Easy and functional software for viewing video footage on your computer or mobile device.

UVP CORPORATE CENTER
Monitoring, operations and management solution for centralized video surveillance.

UVP SERVICE CENTER
Monitoring, operations and management solution for professional service providers.

UVP API
An interface by which video systems can be centrally connected to other software.

UVP RECORDER
Smart and secure storage solution for video footage and metadata.

UVP ANPR
A reliable registration plate identification system with top accuracy.

UVP ARCHIVE
An archiving solution for the stored materials.
## Technical specifications

### Video recording system

- **Storage capacity**: 1TB...xxTB, RAID-5 as an option
- **Casing**: 2U or 4U (1...6 HDD)
- **Power supply**: Redundant power supply (duplicated) as an option
- **Video standards**: PAL / NTSC
- **Operating system**: Cent OS 5.6 (32bit), Cent OS 7.1 (64bit) (also for virtual server environment)
- **Compression**: H.264, MPEG-4, MJPEG
- **Footage export format**: jpeg, avi (a compact archiving solution also available)
- **UI languages**: Finnish, Swedish, English
- **Number of IP cameras**: 2-100+ cameras / server
- **Number of analogue cameras**: 4, 8, 16, 20 or 32 / server (only Cent OS 5.6)
- **Maximum dataflow for recording**: approx. 124 Mbit/s

### Recording

- **Recording modes**: Event based, alarm based, continuous recording
- **Recording triggers**: Motion detection, digital input, manual, 3rd party software trigger
- **Footage encryption**: AES 256-bit (key: RSA 1024-bit)
- **Event recording**: Pre-event (30 s / camera) and post-event (max. event duration 9h)
- **Storage time**: 1...90 days, alarm recordings 1...600 days

### Security

- **User authentication**: Username, password, https-encryption
- **User permissions**: Set to user profiles
- **Recorder security**: Linux Firewall is active in the operating system
- **Remote maintenance**: Remote maintenance is possible over secured SSH
- **IP device security**: IP devices are protected by username and password
- **Browser**: No ActiveX® -components used

### IP and PTZ-support

- **Video servers**: Several Axis, Sony and Bosch models supported
- **IP-cameras**: E.g. Axis, Sony, Hikvision, Mobotix, IQEye, Panasonic, Bosch, etc. OnVif-support
- **I/O-devices**: Moxa ioLogik E2210 and E1214, IP-based I/O unit, DIN rail mounting
- **PTZ-cameras**: Axis, Sony, Bosch, Hikvision, Onvif
- **Analogue PTZ-cameras**: Analogue PTZ-cameras are connected to a video encoder, after which they can be controlled with Recorder user interface
- **Addressing**: The cameras can be added to the system also by using the DNS-names

### Diagnostics

- **ASANTech Watchdog**: IP device (cameras), recorder (HW and SW) monitoring and restart, network monitoring. Notifications of alarms and status changes can be done with email or digital output.
- **Log files**: Recorder, users, camera drivers, ASANTech Watchdog (connections, cameras)
- **Hard disc**: Recording capacity utilization, hard drive failure

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**UVP Recorder**

UVP Recorder is a smart and secure storage solution for video footage and metadata. Storage is handled with a local online recorder to which several dozens of cameras can be connected or centralized as a cloud storage solution for hundreds or even thousands of cameras. The application is used through a browser on your computer or mobile device.