

Out-of-box VOCORD servers

High-performance hardware platforms for building digital video surveillance and audio registration computer systems

Out-of-box VOCORD servers are reliable and high-performance platforms for creating security systems. These servers can operate in standalone mode (as a standalone digital video or audio registration system) at small sites or as a part of a geographically distributed system.



VOCORD PC platform features

- High input/output performance when processing streaming data, which is important for video and audio registration and processing systems.
- Open PC architecture facilitates flexible expansion of system capabilities and performance boosting.
- A proven fine-tuned system easily compatible with VOCORD extension boards and external VOCORD equipment.
- Crash-proof and high-performance data recording subsystem which provides reliable registration of heavy data streams.
- Balanced system architecture ensures high software efficiency and reliability of the entire system.
- Highly reliable standard PC hardware powered by VOCORD extension boards for video surveillance, audio registration, and telemetry monitoring.
- The server case design allows installation and «hot swapping» of many hard disks.
- Reliable power supply – a modular power supply unit with the «hot swap» option.

Technical Specifications

Video Recording Systems

Resolution/Frame rate	Max. streams num.
D1 (720 576 pixel, 25 fps), JPEG2000 (VOCORD VE16/Avantpost)	40/40
D1 (720 576 pixel, 25 fps), Wavelet	16
(720 576 pixel, 6 fps), JPEG2000 (VOCORD VE16/Avantpost)	80/80
D1 (720 576 pixel, 6 fps), Wavelet	64
2048 1536 pixel, 12 fps, StreamLogic (VOCORD NetCam 31C12L)	4

Audio Registration Systems

Type of lines	Max. streams num.
Analogue lines	96
1 trunks	24
Digital subscriber lines (VOCORD D8/VOCORD LD8)	48/128

VOCORD PC Platforms General Specifications

Parameter	Value
Max. number of expansion card PCI/PCI Express	6/6
Maximum archive size per 1 server	32 TB
Max. HDD number per 1 server/HDD size	48/750 GB
Voltage supply	120—250 V AC
Maximum power	Up to 1500 W