

IP-NET VISION™ Interactive Content Engine

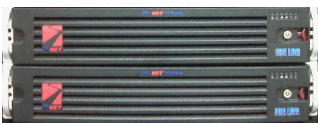
Model
ICE



Redundant MGRs



Redundant LDRs



Scalable Storage
& Streams



Robust, multifunctional Interactive Content Storage System for video-on-demand suitable for both economical and high-end configurations. The ICE TS Server allows viewers full control over any VOD or Linear TV program.

Applications:

- VOD & NVOD
- Time Shift TV
- Network PVR
- DPI/Ad/Overlay Server
- Karaoke
- Music JukeBox
- E-Learning
- Pay-Per-View Playback
- Digital Content Storage and Play-Out

Features:

- MPEG-2, AVC/H.264, VC1 video support
- AAC, HE-AAC, MPEG-1 Layer II audio support
- Multicast / Unicast broadcasting over UDP/RTP
- Compatibility of the output stream with PC players and Set-Top boxes
- CAS/DRM Integration
- High performance
- Robustness
- Easy configurability
- Scalability
- Software updates supported
- Low cost maintenance
- Embedded OS
- Remote control and administration via web interface
- Ingests live video streams and TV channels
- Performs continuous recording and indexing of video streams
- Provides positioning in a stored data
- Supports broadcasting control via RTSP protocol («pause», «stop», «playback», «search», «fast forward playback», «fast backward playback»)

Specifications	
Video/audio format	Transport Stream: MPEG-2 TS video: MPEG-2, MPEG-4 part 10 (H.264/AVC), VC1 audio: MPEG-1 Layer II, AAC, HE-AAC
Network protocol support	UDP, RTP, RTSP, Unicast/Multicast
Control and monitoring protocol	SNMP v.2 (MIB II), IPMI 2.0 Control and monitoring via WEB interface
Network interface	Multiple Gigabit Ethernet (RJ45)
Performance	Hundreds of simultaneous video recording sessions Up to 300 playback sessions per Storage Processor Node
Storage	≥ 60 TB
IP STB Support	IP-NET VISION, Amino, etc.
Case	1U and 2U Rack Mount Carrier Class Servers
Indicators	1 x Power, 1 x HDD, RJ-45 net state, and High Temp indicators
Display	4 buttons on the front panel for operator control
Working temperature	0°C - 40°C (32°F~113°F)
Storage temperature	-20°C - 70°C (-4°F~158°F)
Humidity	5% - 95% RH, non - condensing
Certification	FCC Part 15 Class A, EN55022 Class A, CISPR 22 Class A