

MULTI-CHANNEL IPTV STREAMING & RECORDING SERVER

PRODUCT DESCRIPTION

ICUE-COMPACT is the easiest way to start with IPTV. Compact but powerful, it is a complete recording and playout server solution. It is perfect for organizations that want to set up their own in-house TV and video communication solution. ICUE-COMPACT is designed to offer, in a small form factor, everything that is required to run a solid, professional IPTV system. It goes beyond playout and user management. Professional video recording and content management is part of its function package, which will be helpful for enterprises, government institutions and control room operators alike. Multiple live IPTV sources can be recorded simultaneously and in house live video content from HD-SDI, HDMI or PC-screen sources can be added easily. Single AV files or complete playlists can be set up for fully synchronized streaming delivery. Any type of uploaded MPEG-TS files or recorded content can be streamed out. A wide variety of IPTV clients like the XPLAYER, VLC player, IPTV Set Top Boxes, SAT-IP compatible end devices and professional SmartTVs are supported.



Internal communication benefits from live and on-demand streaming video for training, product introduction and management messages. ICUE-COMPACT is the right tool. Combining your own content with live broadcast TV channels will create a professional and attractive communication platform that brings all messages across.

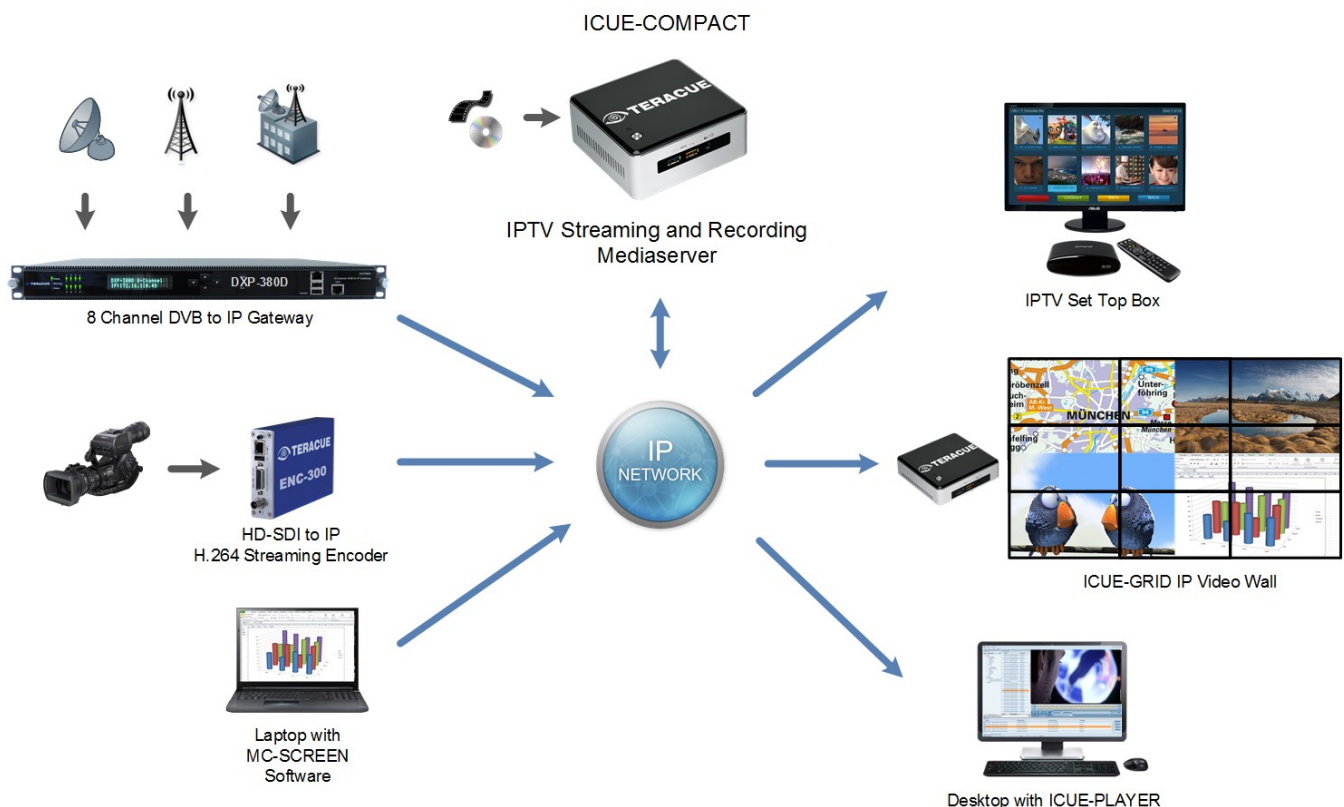
ANY VIDEO. ANY TIME. ANY PLACE

KEY FEATURES

- IPTV streaming and recording server
- Multi source synchronized recording and playout of up to 100 Mb/s total throughput
- Supports multi-channel SD, HD and 4K streams
- User and rights management
- Multi-program scheduling or infinite loop playout
- XML and TCP based API for external media controller
- Manual, scheduled or loop recording

APPLICATION

- Digital Corporate TV
- In-house video, on demand & clip archive
- Documentation and training
- Info channels and ad channels for digital signage
- Streaming playout for ICUE-GRID video wall
- Control room, broadcast/IPTV/OTT, digital signage
- Presentation & information systems



TECHNICAL SPECIFICATION:	
Performance:	Streaming and recording throughput of up to 100 Mb/s
Storage:	1× 80 GB SSD for OS, 1x 1 TB HD for content
Input Files Format:	MPEG-TS Transport Stream files, Multiplex format: ISO/IEC 13818-1 transport MPEG-2, H.264, H.265*, MPEG-1 Layer2, AAC
Streaming Protocols:	TS over UDP, TS over RTP, TS over HTTP, HLS ISO/IEC 14496-10 NAL (Network Abstraction Layer) Multicast and Unicast IGMP, SAP
Protocols:	HTTP, TCP/IP control protocol, SNMP traps/alerts, DHCP
Management:	HTTP web browser, ICUE-PLAYER client (Win OS application) SOAP web service, SNMP traps, Teracue API (AMX, Crestron & 3rd party support). XML, UDP, RTSP and TCP
Software:	Windows OS with ICUE-SERVER and ICUE-PLAYER software
Memory	4 GB DDR3
Display Port:	1x Mini DP 1.2 up to 3840 x 2160 @ 60 Hz
Memory	4 GB DDR3
HDMI:	1x Mini HDMI 1.4a up to 3840 x 2160 @ 30 Hz or 1920 x 1200 @ 60Hz
Digital Audio:	Embedded HDMP and DisplayPort
Analog Audio:	1x Stereo, unbalanced, via mini-jack 3.5
Peripheral:	4x USB 3.0 port
Network:	1× 10/100/1G Ethernet, RJ45
ENVIRONMENTAL	
Dimensions:	115 x 111 x 50 mm
Weight:	970 g
Temperature:	0 to +45°C environmental temperature with appropriate airflow
Power supply:	19 V, 65 W AC-DC adapter, Multi-country plugs (IEC types A/C/G/I)
Operating temperature:	0 to +45°C environment temperature with appropriate airflow
Air Humidity:	The operating and non-operating environment must avoid condensing humidity.
Agency approvals:	CE, RoHS compliant, FCC, UL
Included:	VESA mount bracket, AC-DC Power adapter AC 100-240 V, 50/60 Hz, 1,5 A
Limited warranty	1 year standard limited warranty. Warranty extensions available up to 5 years.
ORDER INFORMATION	
ICUE-COMPACT	Multi-channel AV streaming & IPTV server for recording and playout of up to 100 Mb/s total throughput. Includes preinstalled ICUE-PLAYER and 1 TB HD storage. OUTPUTS are HDMI & DP. Requires ICUE-100-SWMAIN for first 12 month of installation.
ICUE-100-SWMAIN	Annual software maintenance for ICUE-COMPACT. Free upgrades within same version number. Free telephone and email support within the standard working hours.

* Note: Some features to be introduced with upcoming upgrades