

DVD quality video directly on your PC:
The Standalone XPlayer is Teracue's software based LIVE stream viewing application. It enables professional viewing of MPEG-2 SD/HD and H.264 LIVE streams directly on PCs and laptops.

It is simple to install and intuitive to use.
The Standalone XPlayer provides users with advanced playback options, instant buffering for quick video source selection and low delay video decoding.



Professional Streaming Client

The Standalone XPlayer is the ideal application to provide networked video access. It enables simple and instant LIVE stream playback on PCs and laptops.

The XPlayer turns standard PCs into fully professional video clients, users are able to view LIVE streams in DVD quality - directly on their workspace and desktops.

Flexible Video Playback

Networked distribution of LIVE TV programs, hi-end camera signals, video transmission or monitoring - for all requirements where video needs to be distributed and made available on PCs, the Standalone XPlayer is the ideal application.

Efficient Transmission

One stream for All - This is the motto and main advantage of LIVE streaming. One, single LIVE stream (as generated by the ENC-100 realtime encoder) can supply tens, hundreds, and even thousands of PCs with the same video. This advanced, network-friendly technology is based on Multicast network traffic.

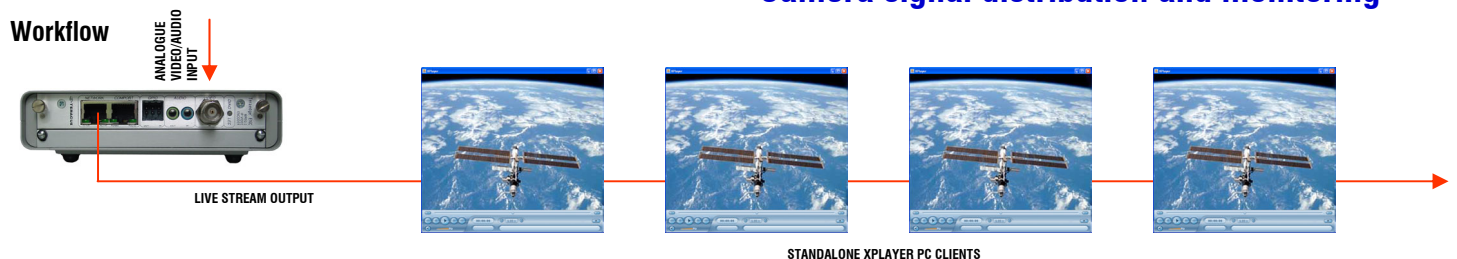
The Standalone XPlayer fully supports the reception and display of both Multicast and individual Unicast streams.

Standalone XPlayer: Easy access to LIVE video applications on your network. Quickly flick through TV programs, camera signals or monitoring channels — directly on your Desktop.

- Simple and intuitive LIVE stream selection
- Quick buffering and instant stream playback
- Normal and low delay decoding modes
- Easy management and installation
- Full video resolution for DVD quality stream viewing
- Flexible video format support
- Standalone application use or HTML embedded through ActiveX component
- Scriptable ActiveX component
- ML@MP, 4:2:0 MPEG-2 SD/HD and H.264 SD support
- Additional file playback and compatible for iCue™ streaming server NVOD streams (near video on demand)
- Multiwindow/Multiplayer viewing per client
- Auto-Recognition of 16:9 and 4:3 streams (WSS)

The Standalone XPlayer is an ideal fit for the following streaming media environments:

- LIVE video transmission to PCs
- Basic Digital Business TV
- Live institutional video
- Camera signal distribution and monitoring



Standalone XPlayer Technical Data

Standalone XPlayer is a Windows® based software application. Technically spoken the Standalone XPlayer is a software decoding application, which enables reception and display of LIVE streams that are available on the network. It includes advanced MPEG-2 and H.264 filter sets, allowing brilliant DVD quality decoding and professional control and playback of LIVE streams. 16:9 and 4:3 streams are recognized upon initialization, if the aspect ratio flag inside the stream is set.

The XPlayer ActiveX component can be embedded inside standard HTML web pages. When embedded, the XPlayer can be controlled via script attributes. This enables basic customization of the XPlayer (appearance, size, fixed to certain LIVE streams, etc.).

Additionally locally stored files can be played back with the XPlayer allowing frame accurate positioning of video files; very useful when details of the video require accurate analysis.

Standalone XPlayer open standards stream compatibility:

MPEG-2	ML@MP, 4:2:0
ISO/IEC	13818-1 Transport
ISO/IEC	13818-2, -3
MPEG-2	Elementary MPEG-2 SD A/V Streams
MPEG-2 HD	Transport streams
H.264 SD	Transport streams

Multicast and Unicast streaming traffic fully supported.

Teracue rec. stream sources ENC-100 MPEG-2 realtime encoder series recommended
iCue™ Streaming Media Servers NVOD streams

IP protocols HTTP, TCP/IP, UDP/IP, IGMPv2, SAPv1
HTML, Javascript for embedded scripting

Video formats NTSC and PAL supported

Video resolutions Standard resolutions:
Full D1 (720h x 480/576v)
Half D1 (384h x 480/576v)
CIF/SIF (384h x 240/288v)
Also scalable resolutions

Video decoding bitrates 500kbit/s—20000kbit/s (20Mbit/s)

MPEG-2 Audio decoding MPEG-1, Layer 2, Stereo Audio Output
Independent volume/mute controls per XPlayer

LIVE stream selection Easy to use program guide, SAP stream guide

Multiple instances of the Standalone XPlayer can be run simultaneously on a client.
Multiple instances of the Standalone XPlayer can be embedded simultaneously inside a HTML web page.

Minimum System Requirements

Operating Systems Windows 2000 SP4, DirectX9c
Windows XP Professional SP1/SP2, DirectX 9c

System Memory, RAM Minimum 256 MB for viewing one stream
Minimum 512 MB for simultaneous viewing of two to four streams

System Processor, CPU Pentium 4 with 1 GHz for viewing one stream
Per additional simultaneous stream 1GHz

Graphics Card DirectX support. Graphics cards with shared memory are not supported

System Storage The application requires 10 MB of free storage

Firewall A firewall may not block the Standalone XPlayer application

***PLEASE NOTE: LIVE streaming/Multicast streaming requires specially designed and configured networks.
Minimum requirements include: Layer-3 switched Ethernet, Multicast enabled, IGMPv2/3, network and multicast routing supported.

