Tizen Player

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Samsung Tizen embedded media players are all-in-one playback devices combining both player and display functionality in one device. A cost-efficient, scalable, and reliable solution for digital signage networks.

Grassfish complements Samsung Tizen players with extensive IXM One functionality, such as:

- Automatically distributing content across several screens and engage your target audience at the right moment and location.

- Designing, creating, and publishing playlists via drag and drop.

- Structuring your content using tags, meta information, or specific categories to address a collection of screens or individual players.

- Managing devices using monitoring and reporting tools.

- Making use of multi-tier architecture and extended user and rights management.

> *Note*
>
> *Within a multi-device network, Samsung Tizen players can be operated simultaneously with other Grassfish supported players.*

System requirements

Note the following system requirements:

Hardware

We support the following Samsung Tizen series fully or partially:

QMR series
QBR series
QMxB series
QHxB series
QMxC series

We've tested and officially support the following models:

QM32R

QM43R
QM55R
QM65R
QM75R

We've tested and officially supported the following models:

QB13R
QB24R

The QMxB series uses Tizen 6.5 which is supported but still has compatibility issues.

The QHxB series uses Tizen 6.5 which is supported but still has compatibility issues.

The QMxC series uses Tizen 7.0 which is supported except for synchronization.

> *Note*
>
> *You can update the firmware via Grassfish IXM One.*

Software

The Grassfish Player software runs as a JavaScript application on Samsung Tizen embedded media players and enables you to manage your screen network using the familiar Grassfish IXM One interface.

You need the following setup:

Software
Samsung Tizen embedded media player
Network access with connection to Grassfish IXM One
Tizen JavaScript player software

Supported media

We support the following media formats on Samsung Tizen:

- **Video**: H264, HEVC, VC-1, VP9, and others

- **Media**: MOV, MP4, MKV, WebM and others

- **Image**: JPEG, PNG and others

- **Audio**: MP3, AC-3, AAC, and others

- **Streaming**: HLS, Dash

- **PDF**

- **HTML**: for websites and dynamic content (limited)

- **Local HTML Spots**

- **Composer Spots**

Playback and scheduling

The following IXM One features are supported on Samsung Tizen:

- Daily operation management

- Date, time, weekday, and interval-dependent playback

- Assigning user groups, locations, or categories to content

- Screen power on/off and system reboot via IXM One

- Screen layouts in landscape and portrait mode

- Reporting and audit trail to track what has been shown where, when, and on which devices (proof of play)

- Monitoring devices and screen shots

- Auto notification

- UDC light (full functionality, limited disk space)

- Preloading spots (limited due to HW limits)

- Split screen layouts

- Priorities