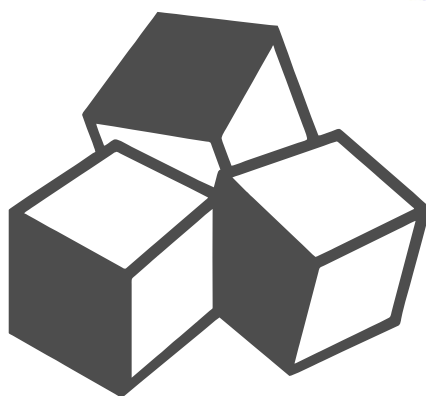# PROmapr®

Digital Signage Mapping Player
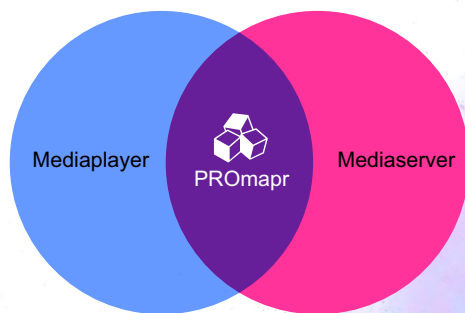
Signage

Museum

Exhibition

Mapping

The PROmapr® Digital Signage Mapping Media Player combine the best features of a media player and media servers at smallest dimensions.

Mediaplayer | PROmapr | Mediaserver

105mm x 105mm x 20mm, 225g

AV OUT ETHERNET HDTV OPTICAL DC 5V

Keyfeatures

Multimapping
Fast 3D video mapping directly onto screens and objects.

Drag´n Drop
Drag 'n Drop for fastest editing of projects.

Contentlayer
Layer-based processing of image and video files.

Multizone
Show different content in different zones at the same time.

Overlay FX
Real Time overlay effects for image and video files.

Softedge
Softedge functionality for seamless projections.

4K ULTRA HD
4K Ultra HD for a crisp video output.

HDR^{10} HIGH DYNAMIC RANGE
HDR^{10} for even more color depth and velvety gradients.

H264 H265
Efficient video codecs for a wide range of playback options

Digital Audio
Crystal clear digital audio via HDMI and SPDIF

Easy
Easily operation thanks modern intuitive menus and interfaces.

Fast Setup
Ultra fast setup and installation.

APP Free
Operation and setup without app´s or special software.

Filebrowser
File browser for efficient management of video, audio and image files.

FTP Access
File synchronization directly via FTP.

Wireless Control
Direct operation via Hotspot and Wireless LAN.

PROmapr Network
Operation of infinite many PROmapr® Units in the network.

Master / Slave Sync
Frame-accurate master/slave synchronization.

Playlist
Control via playlists with deepest hierarchy structures.

Projectlist
Project lists for extensive mapping projects.

Events calendar
Calendar function for precisely timed show sequences.

TCP / UDP
.TCP / UDP control.

Interactive
Interactive control of relays, optical sensors, and much more.

Touch
Touchscreen control.

HTML5
Playback of HTML 5 content for control and output.

PJLink
PJLink support of connected PJLink Displays & Projectors.

DMX Art-Net
Internal and external control via DMX and Art-Net.

GPIO
GPIO support via external GPIO interfaces.

24/7
Certified hardware for a maximum of failure security.

5V
5V / 2A power supply

Video formats

H264/MPEG-4 Part 10 with MVC max. 1920px x1080px @60p
Maximum file size video* 2,1GB

Audio formats

AAC 32kHz, 44.1 kHz, 48 kHz

Image formats

JPG, PNG, BMP, GIF, TIF max. 10k px x 10k px

Data storage/ file systems

Micro SD card FAT32, NTFS, exFAT

USB FAT32, NTFS, exFAT

External connectors

1 x AV output 3.5mm jack 4-pin (CVBS and stereo audio)
1 x Gigabit Lan port (RJ45)
1 x HDMI2.0 output (resolution max. 3840 x 2160 @60p)
1 x S/PDIF optical output
1 x power supply connector (5V / 2A) 4mm x 1.7mm hollow plug
1 x USB 3.0
1 x USB 2.0
1 x Micro-SD card slot (main memory)

Details

Dimensions L 115mm x W 105mm x H 20mm

Material/Weight Housing (aluminum), 225g

Power consumption approx. 1.2A at 5V in operation with Micro-SD

Operating temperature range -10°C - +40°C

Internal technical data

CPU AMLOGIC S9053x3

GPU MaLi Series

Operating system Android

Internal program memory 16gb

Operating limits

4 Point Keystone Video 3 x 1080p parallel**

4 Point Keystone Picture 16 x 1000p parallel**

Number of layers Unlimited***

Number of projects Unlimited***

Number of Calendar Entries Unlimited***

Remote control via web browser****

PC, Mac or Tablet PC with Lan or W-LAN (initial setup via W-LAN)

Web browser: Google Chrome, Mozilla Firefox, Windows Edge (Google Chrome recommended)

Resolution: min 1920px x 1080px or higher

*The size limit applies to operation in PROmapr® mode, in Mediaplayer mode the file size is unlimited.

**These operating limits indicate the maximum number of videos and or pictures that can be displayed in parallel
and the device still behaves stable. However, these specifications do not guarantee the stability
in detail. Many parameters like data compression, bitrate, frame rates, etc. must always be
always be taken into account.

*** A limitation arises automatically if the e.g. SD card memory or the device memory is full or if
the individual project is operated at its stability limit.

****It is recommended to always work with the latest software, this concerns both operating systems and the
software versions of the web browser.