

# DSA-2020

## Solid-state Network Digital Signage Media Player

NEW



### Features

- Compact size for easy installation & mounting
- Fanless design for better reliability
- Support MPEG 480P resolution
- Support SD/SDHC/MS/MS Pro flash memory cards
- Support VESA mounting
- Powerful schedule management features with included PC software
- Dedicated non-PC technology
- Plug-and-play ease of use



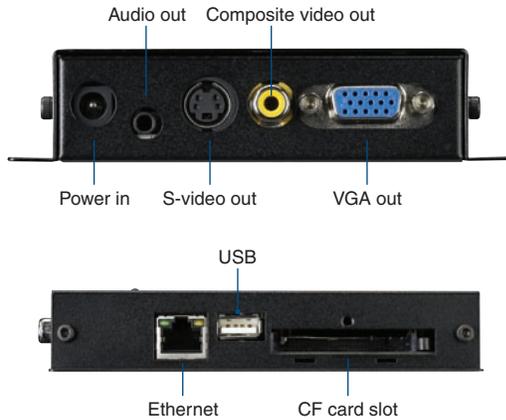
### Introduction

DSA-2020 is an industrial-grade digital signage system with flexible network management and physical media content update features. This easy to implement network appliance enables centralized control, scheduling and delivery of multimedia content through IP/Ethernet networks. The compact size design and the standard mounting bracket of DSA-2020 makes it can be easily mounted behind the signage display devices. The DSA-2020 features leading video decoding hardware technology capable of withstanding 24 x 7 x 365 operation cycle with almost no maintenance effort. Dedicated digital signage technology eliminates the risks of virus infection and operating system crash commonly found in PC-based solutions.

### Specifications

|                       |                    |  |
|-----------------------|--------------------|--|
| Media formats         | Video codec        | MPEG-1/2 MP @ ML (480p)<br>MPEG-4 ASP @ L2 AVI                       |
|                       | Video format       | MPEG-1/2/4   |
|                       | Audio codec        | 2 channels, MPEG-1 and MPEG-2 Layers I, II and III (MP3)             |
|                       | Still image format | JPEG   |
|                       | Text               | Variable scrolling speed   |
| Display Compatibility | Aspect ratio       | 4:3 (landscape mode only)  |
|                       | Output resolution  | 4:3 ratio -- 640x480   |
|                       | Display connector  | VGA  |
| Player Function       | Program update     | Through LAN or USB storage   |
|                       | Playlist           | Scheduling playback, endless loop playback, auto play after power on |
| Network               | 10/100 Mbps        | 1 x RJ-45  |
| I/O Ports             | VGA                | 1 x D-Sub 15-pin   |
|                       | Composite          | 1 x RCA jack   |
|                       | S-Video            | 1 x Mini-DIN 4-pin connector   |
|                       | R/L channel analog | 1 x 3.5Ø ear-phone jack  |
|                       | RC-232C            | 1 x RJ-11  |
|                       | USB 2.0 Host       | 1 x USB Type A connector   |
| Storage               | IDE                | 4GB CF card (for approx. 3 hours of 480p video)                      |
| Power                 | Power computation  | Approx. 4W   |
|                       | Power supply       | Input: 5V @ 2A DC  |
| Environment           | Temperature        | 0 to 40° C   |
|                       | Relative humidity  | 5-85% @ 40° C  |
| Physical              | Dimension          | 134 x 114 x 25 mm (5.3" x 4.4" x 1.0")                               |
|                       | Net Weight         | Approx. 0.8 kg (1.8 lb.)   |
| Safety                | Certifications     | CE, FCC, UL  |

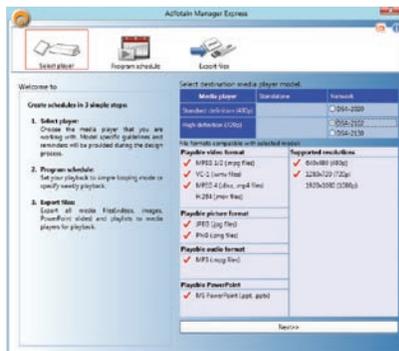
## I/O ports for DSA-2020



## POPAI Screen Media Standards Support

- S1 (JPEG 480p baseline)
- S4 (MPEG L2 audio)
- S5 (MP3 audio, 384Kbps)
- S6 (MPEG-1 SIF, 3Mbps CBR)
- S7 (MPEG-1 480p, 10Mbps CBR)
- S9 (MPEG-2 480p, 6Mbps CBR)
- E7 (MPEG-4 ASP, 480p, 10Mbps CBR)

## Create Your Digital Sign in 3 Easy Steps:



### Publish PowerPoint slides directly

Manager Express seamlessly imports your original PowerPoint slides, lets you schedule them alongside videos, graphics, text message, and publishes the auto-advancing slide sequences to media players, all within the same program.



### Easy to use scheduling features

Plan your content in a simple looping mode or on a weekly schedule. Simple looping mode is as easy as adding and rearranging media files for repeat playback, 24 hours a day. Users can also set the player to turn off the display during off-hours. For more advanced scheduling, a visual weekly schedule mode is also available.



### 1-to-Many Content Delivery via Local Area Network

Manager Express allows users to export media files to multiple media players simultaneously over the network or via removable storage, depending on your player's capabilities. Media content files are delivered via the local area network (LAN) with just one click of the mouse. In non-networked environments, users can export files to a USB drive or a CF card.

## Ordering Information

| Part No.    | Description   |
|-------------|---|
| DSA-2020SAE | Network Digital Signage Media Player w/ Manager Express S/W |

## Packing List

1. DSA-2020
2. Power Adapter
3. CF Card Slot Protective Plate and Screw
4. Manager Express CD
5. Ethernet Cable
6. Audio adapter cable
7. Audio cable
8. Quick start guide