



# Display Screen VA-6618A

## Rail transit vehicle media transmission software V7.71



### Description

Built-in 18.5-inch (customizable size) HD display screen receives and plays the multimedia video stream sent by the PIS broadcast controller in real time, and supports the launch of public service advertisements and brand advertisement videos. Support three installation methods (to be customized), including embedded installation, external installation, and wall-mounted installation. The media screen has built-in video and audio decoder board, which supports live broadcast and emergency backup broadcast.

### Feature:

- \* Adopt embedded Linux operating system, use domestic high-performance audiovisual processing DSP+ARM chip solution, safe operation, stable and reliable;
- \* Support 18.5-inch HD display, with display area of 410\*230mm, support embedded installation, external installation, wall-mounted installation, etc.;
- \* Built-in audiovisual decoding processing capability, support 1920x1080 video resolution processing, and 32 million pixel image rendering;
- \* Support custom display size, provide multi-layout display, including status bar, arrival information area, media area and other display methods;
- \* Two 100M M12 network ports, full-digital transmission technology, high anti-interference ability; bypass physical network conduction realizes hand-in-hand connection of media screens, and single-point equipment failure does not affect the operation of other equipment;
- \* Provide anti-glare tempered glass protection to avoid sharp objects from hurting the screen, both horizontal and vertical viewing angles are 178 degrees;
- \* Support split-screen display with multi windows, each window independently displays content including video, pictures, text information, etc.; support platform and PC software to quickly edit media information;
- \* Support bullet screen editing by mobile phone to facilitate the interaction of passengers, and can be closed in the background;
- \* Linked with broadcast alarms and emergency plans, provide pictures, videos and other content displays to guide passengers to evacuate in order;
- \* Support 10W passive power amplifier output, and can be connected to external speakers for media sound broadcasting; at the same time, support sound adjustment according to the broadcasting status to avoid interfering with passenger travel broadcasting;
- \* Built-in DIP switch for device IP and location, providing quick positioning of device;
- \* Support automatic online of equipment; support equipment failure reporting; provide query and retrieval function of machine detailed log; provide U disk insertion and upgrade for quick maintenance;
- \* Adopt industrial grade processing chip, support -20°C~65°C;

### Specification

Operating language	Chinese/English/custom language
System structure	Embedded Linux system
Media format	MP4/MOV/MKV/FLV/AVI/JPG/PNG/BMP etc.
Video resolution	1920x1080
Video frame rate	25~60fps
Audio output	Dual-channel output
Viewing angle	178°
Data storage	8GB chip storage
Network interface	M12 interface



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<b>Data interface</b>	1 USB, 1 TF interface
<b>Software upgrade</b>	Support network upgrade/U disk file upgrade
<b>Live protocol</b>	Support streaming media such as multicast, TS, RTSP, RTP and RTMP
<b>Network protocol</b>	TCP, UDP, RTMP, RTSP, FTP, DHCP, HTTP protocol
<b>Display size</b>	410x230mm
<b>Equipment size</b>	455*285*48mm
<b>Electrical characteristics</b>	110V 0.3A DC
<b>Working temperature (°C)</b>	-20°C-65°C