



M3-300

The M3-300 is a digital video and audio player designed for the playback of MPEG-1,2 & 4 and high resolution still pictures on TV and LCD monitors in commercial environments. The videos and pictures are stored and played directly from a solid state Compact Flash memory card. The M3-300 also supports 720p up-scaling on VGA and Component video (YPbPr) output.

Content Format supported

- Video :
 - MPEG - 1 (352 x 288, PAL, 25fps)
 - MPEG - 1 (352 x 240, NTSC, 29.97fps)
 - MPEG - 2 (720 x 576, PAL, 25fps)
 - MPEG - 2 (720 x 480, NTSC, 29.97fps)
 - MPEG - 4 (720 x 576, PAL, 25fps)
 - MPEG - 4 (720 x 480, NTSC, 29.97fps)
- Still Picture :
 - JPEG (Suggested 1280 x 960) on VGA
 - JPEG (Suggested 1280 x 720) on YPbPr
- Audio :
 - 44.1kHz Stereo, 224kbit/s
- Codec :
 - MPEG-1/2 (.mpg), JPEG (.jpg)
 - MPEG-4 DivX (.avi)

Features

- OSD Functions :
 - Set Date/Time
 - Set ID
 - Volume
 - Data logging
 - OSD display
- IR Control :
 - Display/0-9/Play/Stop/Repeat/ Pause/Volume/Track/Mute
- Play Modes :
 - Playlist mode
 - Simple play mode
 - Schedule playback
- USB Update :
 - Entire/Partial update
 - Auto power cycling after USB plug/unplug
- Interactivity :
 - Supports 16 buttons
 - Touch screen
 - Motion sensor
 - Barcode code scanner
 - Serial port control

Reliability

- Estimated MTBF : In excess of 100,000 hours
- Warranty : Three years

Specification

- Playable format : .mpg/.jpg/.mp3/.avi
- Storage media : Compact Flash Card
- Video output : Composite / S-Video / VGA / YPbPr
- Audio output : Stereo phone jack
- Playback functions : Play / Stop / Pause / Repeat / Previous track / Next track / Volume / Mute / Loop playback / Sequence play / Startup mode / Sleep mode
- Touch screen functions : Support Analog touch glass and ITO (segment type) touch glass
- External I/O ports : RS-232 (9600, N-8-1) / USB (Content upload) / Infra-red (Use with DV IR handset) / Remote Ext. (For button & touch)
- LEDs : Power LED (Green) / Status LED (Green)
- Watchdog : Support system reset
- Real time clock : Battery-backup RTC
- Aux. power out : 5V DC and 12V DC (with fuse protect)
- Power requirement : DC 12V input
- Power consumption : 500mA @12V
- Operating Temperature : 0°C to 50°C
- Relative humidity : 5% - 95% relative humidity (Non-condensing condition)
- Dimension : 146.9 mm x 91.4 mm x 18mm (WxDxH)
- Weight (net) : 135g

Options

- CF Card, DV IR handset, Speakers, Volume knob, Touch glass, 8-button keypad, Power supply, Cables, DV Studio software

Custom Engineering Service - splash screen , touch pattern design , I/O control, function and layout customization, etc.

