



# M3-310

The M3-310 is a board-level solid-state digital video/audio player integrated with a LCD interface for driving a LCD panel directly. Videos and pictures are stored and played directly from a Compact Flash memory card.

## 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
- Audio :**
  - 44.1kHz Stereo, 224kbit/s
- Codec :**
  - MPEG-1/2 (.mpg), JPEG (.jpg)
  - MPEG-4 DivX (.avi)

## Features

- Panel** : 1600x1200 • 1280x768 • 800x480
- Connectivity :**
  - 1366x768 • 1024x768 • 640x480
  - 1280x1024 • 800x600
- Panel Power :**
  - Supports 3.3V/5V panels
- Panel Signal :**
  - TTL(single pixel) and LVDS
- OSD Functions :**
  - Set Date/Time/ID
  - Volume
  - Brightness/Contrast
- 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

## Specification

- Playable format :** .mpg/.jpg/.avi
- Storage media :** Compact Flash Card
- Audio output :** Speaker out
- 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 :** 560mA@12V (no panel connection)
- Operating Temperature :** 0 °C to 50 °C
- Relative humidity :** 5% - 95% relative humidity (Non-condensing condition)
- Dimension (WxDxH) :** 147 mm x 92 mm x 18mm
- Weight (net) :** 135g

## Options

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