



M3-300

Stand-Alone Interactive Media Player Board

Key Features :

- > Interactivity
- > Audio Support
- > Synchronization
- > Update via USB
- > Compact Flash Storage
- > Content Programmable Using DV Studio

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

Supported Resolution :	MPEG - 1 (.mpg) 352 x 288, PAL, 25fps MPEG - 1 (.mpg) 352 x 240, NTSC, 29.97fps MPEG - 2 (.mpg) 720 x 576, PAL, 25fps MPEG - 2 (.mpg) 720 x 480, NTSC, 29.97fps MPEG - 4 DivX (.avi) 720 x 576, PAL, 25fps MPEG - 4 DivX (.avi) 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

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 up to 16 buttons Touch screen (ITO & Analog) Motion sensor Barcode code scanner Serial port control

Specifications

Storage Media :	Compact Flash Card Type 1/2
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
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
Power requirement :	DC 12V input
Aux. power out : (with fuse protect)	5V DC and 12V DC
Power consumption :	500mA @12V
Operating Temperature :	0 C to 50 C
Relative humidity :	5% - 95% relative humidity (Non-condensing condition)
Dimension (WxDxH):	146.9 x 91.4 x 18mm
Weight (net) :	135g

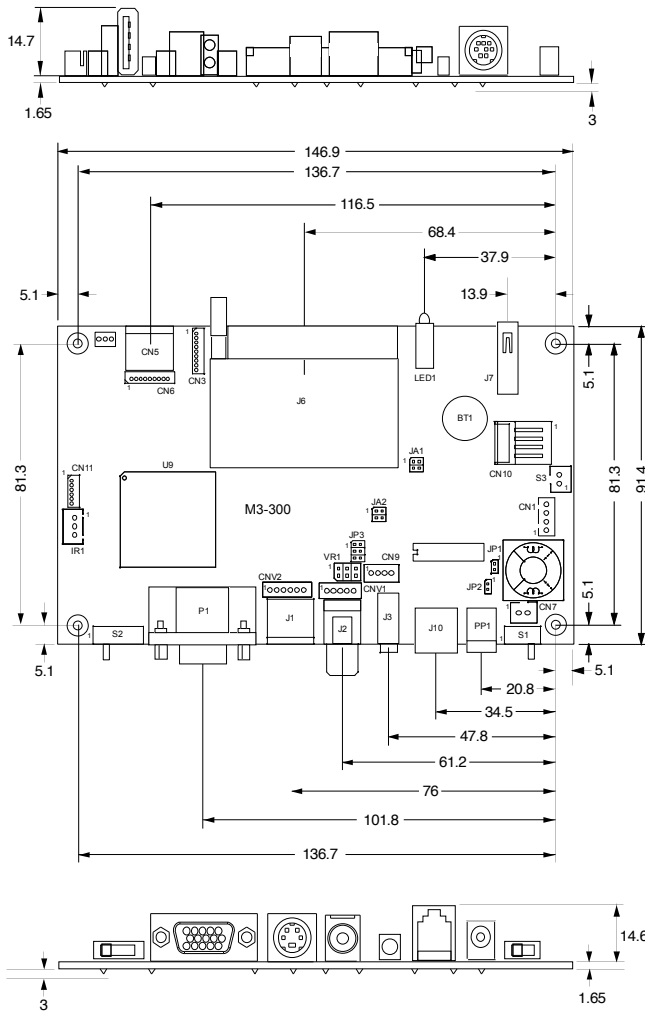
Options

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

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Mechanical Drawing



Connector Definitions

CN1	Speaker out (L/R)
CN3	Switches and buttons (#9-#16)
CN5	Remote Ext. (#1-#8)
CN6	Switches and buttons (#1-#8)
CN7	Alternative PAL/NTSC
CN9	Alternative audio out
CN10	Alternative power out
CN11	Reserved
CNV1	Alternative S-Video / Composite out
CNV2	Alternative VGA / YPbPr out
LED1	Power / Status LED (Green)
J1	S-Video out
J2	Composite video out
J3	Audio out
J6	CF card connector
J7	USB
J10	RS-232 (RJ-11 jack)
S1	PAL / NTSC switch
S2	Video switch
S3	On/Off switch connector
P1	VGA / YPbPr out
PP1	Power input
IR1	IR connector

Ordering Options

P/N 417160030-3	M3-300	P/N 426680401-3	On/Off switch cable
P/N 446010401-3	IR sensor kit	P/N 426890500-3	Volume control knob
P/N 559000104-3	IR handset	P/N 426451401-3	Remote Ex. cable
P/N 426894300-3	RJ-11 to RS-232 cable	P/N 416101300-3	8-button switchmount for Remote Ex.
P/N 426004800-3	VGA to YPbPr cable		

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