



BCM Communication Co., Ltd.

## Digital Multimedia Adapter DS-1000

DS-1000 is a digital multimedia adapter and it allows to link your TV, LCD panel and projector and you can access movies, images and music from the living room or show room. Connect DS-1000 to your network or computer and it could download media content such as video, audio, graphics, and text via an IP network or a computer. All the media content are stored on internal hard drive of DS-1000. DS-1000 also streams your digital content to your home TV or office LCD monitor from your media center PC on the IP network. It outputs both digital and analog video signals from standard definition or high definition display devices like TV, LCD panel and projector.

### Features

- ✓ **Linking up your PC, TV, stereo, digital camera and much more...**
- ✓ **The digital and analog video outputs can each support output formats up to 1920\*1080 resolution.**
  - MPEG-2 decoding up to 1920\*1080p25, 1920\*1080i30 or 1280\*720p60 resolution**
  - MPEG-4.2 decoding up to 1280\*720p30 resolution**
  - H.264 decoding up to 1920\*1080p25, 1920\*1080i30 or 1280\*720p60 resolution**
- ✓ **HDMI, D-sub(15 pin VGA) and Composite video outputs, component is optional.**
- ✓ **Two zones display with video and text.**
- ✓ **Data is accessed via USB or Ethernet.**
- ✓ **Update content and schedule over network without interrupting playback.**
- ✓ **Mass storage class devices using USB hard drives, USB memory sticks and card readers.**
- ✓ **A Wifi card is optional to add 802.11 wireless networking capability.**
- ✓ **Fanless design with built-in heat dispersion.**

# Specification

Processor	CPU	SMP8635 MIPS 300MHz
Memory	NOR flash	16MB
	SDRAM	128MB DDR-1 400 (32MB*4)
Ethernet	Interface	10/100 Base-T
	Controller	SOC built-in
USB Ethernet	Interface	10/100 Base-T
	Controller	RTL8150
USB Host	Interface	USB 2.0 compliant ,480Mbps
	Controller	SOC built-in
USB Peripheral	Interface	USB 2.0 high-speed 480Mbps
	Controller	ISP1582
Mini-PCI slot	Controller	SOC built-in
Storage	Interface	Compact flash/SD
	Controller	Realtek
I/O Connector	VGA	1 (D-sub 15 pin)
	Composite Video	1
	Audio	1 stereo audio(RCA/3.5mm)
	HDMI	1
	USB Host	1 USB type A female
	USB Peripheral	1 USB type B female
	USB Ethernet	1 Mini-USB type B female
	Ethernet	1 (RJ-45)
	Storage	1 Compact Flash/SD
	RS232	1
	Power Jack	1 (5mm 2.1)
	DIP switch	1
	I/O header	Mini-PCI(internal)
IR (optional)		1 (For remote controller)
Video Decoding		AVI,WMV HD,MPEG-1, MPEG-2, MPEG-4 SD/HD,H.264 SD/HD,DivX/Xvid/VOB
Audio Decoding		MPEG-1 Layer 2 (*.mp2), MPEG-1 Layer 3 (*.mp3), AAC, WMA, Ogg Vorbis (*.ogg), 16 bit 2 channel 44.1/48KHz PCM WAV (*.wav)
Graphics Support		GIF(87), animated GIF(89a), JPEG, TIF, Bitmap, PNG
Power requirement	Input Voltage	DC 5V / 2A (AC/DC Adaptor 90-250V, 50-60Hz)
Environment	Temperature	0 C~ 55 C, Operating
	Relative Humidity	95% @55C (non-condensing) ,Operating