

# TECHNICOLOR ISB7100

## HIGH-DEFINITION IP SET TOP BOX

### FEATURES

- Wide range of available video codecs includes MPEG-2, MPEG-4 Part 10/AVC/H.264, and VC-1 in HD and SD formats
- Powerful processor up to 1000 DMIPS for fast user response and flexibility for multiple applications
- Renewable security support for multiple security options with a choice of CAS and DRM providers
- Media center support option provides appropriate middleware and application support, and distributes content stored on the hard drive to other IP set-tops in the home
- DVR option to simultaneously record multiple video streams
- IP compatible using a Fast Ethernet interface for IP video and data content
- Support for leading operating systems including Windows CE and Linux
- Middleware support for multiple options for IP middleware solutions
- Configurable memory provides support for lightweight or advanced applications
- Optional home networking support for integrated HPNA 3.1 standard to utilize existing in home coax wiring
- Flexible HDTV Support
  - Supports ATSC formats (including 1080p, 1080i, 720p, 480p, and 480i)
  - Supports stretch and zoom of video allowing maximum picture size on HDTV monitors
  - Down converts video from HD to SD format for recording content on analog VCRs
- Includes some of the latest digital interfaces with applicable copy protection standards including HDMI™ with HDCP



### PRODUCT SPECIFICATIONS

#### FRONT PANEL FEATURES

##### Connections

USB host

##### Buttons

Power, Menu, OK, left, right, up, down

##### Indicators

Power, Link, HD, Record



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## PRODUCT SPECIFICATIONS

### BACK PANEL FEATURES

#### Connections

10/100 Mbps Ethernet RJ-45 Connector  
F-Connector ("To Wall") with HPNA (optional)  
F-Connector ("To TV") (optional)

#### Audio/Video Connectivity

Composite Video RCA (two connectors)  
Optical S/PDIF  
HDMI  
USB

#### Power Input

DC Jack

### AUDIO/VIDEO

#### Display/Playback Streams

One SD or one HD plus multiple PIPs (subject to middleware and application software support)

#### Available Video Codecs

(subject to middleware and application software support)  
MPEG-2 MP@ML, MP@HL  
MPEG-4 Part 10/H.264 MP@L4.1, HP@L4.1  
SMPTE VC-1 AP@L3, MP@HL

#### Available Audio Codecs

(subject to middleware and application software support)  
MPEG-1 Layer 2 (Musicam)  
Dolby™ Digital, Dolby Digital Plus  
MPEG-4AAC, AAC-HE  
MP3  
WMA, WM9 Pro

#### Available Security

AES, DES, CSA  
RSA Support with Private/Public Key  
Macrovision® Copy Protection  
HDCP Copy Protection



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## **PRODUCT SPECIFICATIONS**

### **SYSTEM RESOURCES**

400 MHz, 1000 DMIPS processor can support a variety of operating systems, advanced middleware platforms, and compelling user applications.

DRAM	256 to 512 MB
Flash	64 to 128 MB, 0 MB for DVR
Boot Flash	4 MB
Internal Hard Drive (DVR Models only)	500 GB

### **REMOTE CONTROL**

IR Support	RCMM protocol
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### **GENERAL SPECIFICATIONS**

Dimensions	DVR: 2.56 x 11.49 x 8.125 in. Non DVR: 1.75 x 9.75 x 7.8 in.
Power Input	DC Jack
Power Supply	12 VDC external PSU
AC Voltage	100-240 VAC, 50-60 Hz (switched mode power supply)