

Wireless-N IP Set-Top Box



High Definition Wireless-N IP Set Top Box – ITB-3100W is PLANET's latest 11N IP STB that can support videos up to Full High Definition (HD) 1080 formats. With the next generation multimedia streaming technology, home users can enjoy high quality videos without having to suffer through the inconveniences associated with video rental stores, or even Pay-Per-View.

The ITB-3100W offers DLNA / UPnP AV services, based on MPEG-4/H.264 compression technology to reach a wider audience or achieve a higher density of service, and thus increased bandwidth efficiency. The Wireless-N IP STB allows the users to enjoy IP multicast video, home wireless networking service.

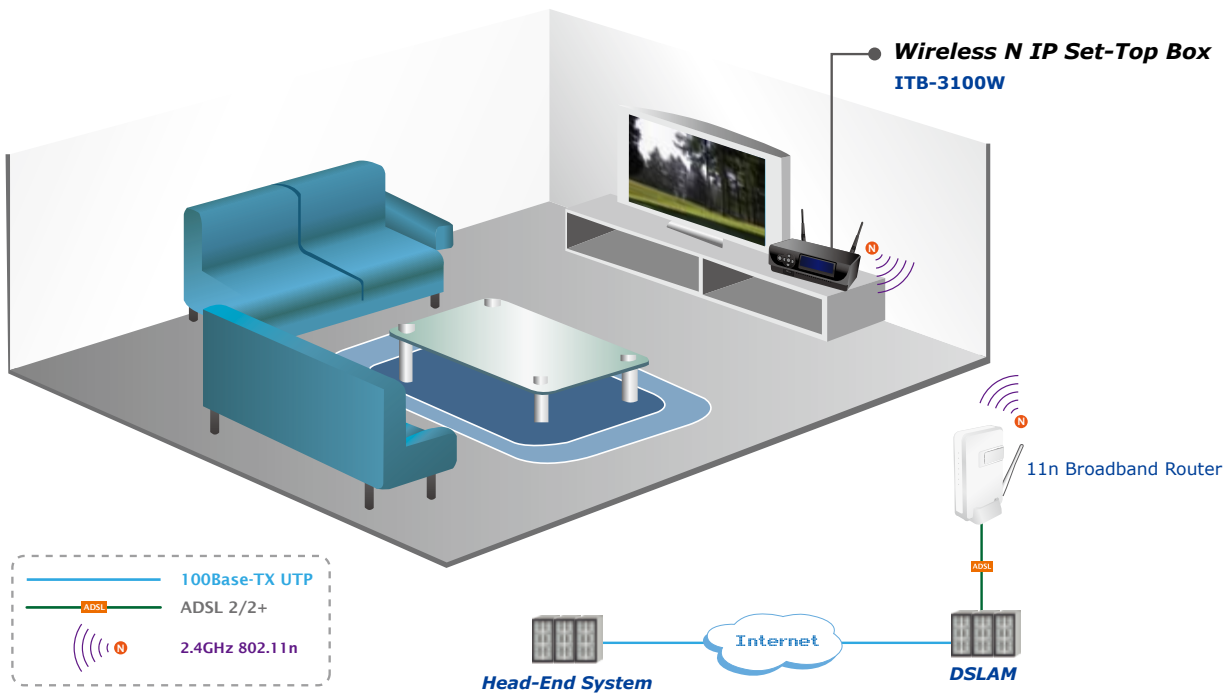
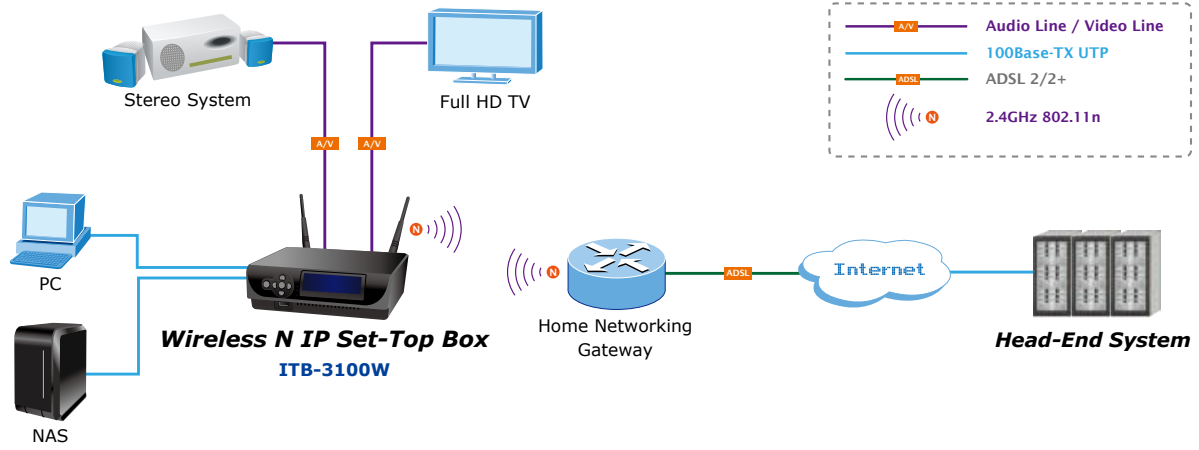
Wireless-N IP Set-top Box is advanced customer premises equipment (CPE) device for delivering streaming video, audio, and IPTV directly from Internet on Teclos subscribers. The ITB-3100W is designed to meet service provider deployment requirements for IP-based multimedia service delivery, and it's easy to install even for subscribers, in order to and enables subscribers to access digital content via remote control over their conventional TVs, and meet your Surfing Internet on TV demand, the ITB-3100W provides web browser function to let you enjoy more Internet entertainment, so you can choose these features directly to enjoy amazing variety of Internet video contents. If you have already set up your connected to Internet, you can huddle on the sofa using supplied remote control to search and enjoy your favorite IPTV, Video, or surf webs.

The PLANET Wireless-N IP Set-Top Box guarantees the very best multimedia experience for its users with the advanced features such as Video-on-Demand (VoD) and IPTV. The ITB-3100W interconnects with IP networks via a dedicated 11N wireless technology that enables simple installation regardless of broadband access technology. In addition to its super video (S-Video), digital audio (S/PDIF), analog video and audio outputs, the ITB-3100W also provides HDMI and component outputs to enable the user to enjoy high definition video.

KEY FEATURES

- UPnP AV / DLNA Compliant
- Multicast IPTV & Video-on-Demand (VoD)
- Personal Video Recording (PVR)
- Broadcast TV & Time-Shift TV
- Integrated 802.11n wireless & S/PDIF
- Integrated HDMI & Full HD (1080) TV
- Electronic Program Guide and Digital rights management
- Simply Surfing Internet on TV
- Multi-Language & Wizard Easy Setup
- User-friendly Graphical On-Screen Menu

APPLICATIONS



SPECIFICATION

Product	Wireless-N IP Set-Top Box		
Model	ITB-3100W		
Hardware Specification			
Port	Video Output	HDMI (480p, 576p, 720p50, 720p60, 1080i50, 1080i60, 1080p60) S-Video/Component Video, Composite (CVBS)	
	Audio Output	Audio (Right, Left), S/PDIF (Coaxial)	
	USB	2 USB 2.0 Host (External Storage, keyboard, and mouse support)	
	Ethernet	1 Ethernet: 10/100Mbps, Half or Full Duplex, Auto-negotiation, Auto MID/MID-X	
WLAN Standards	IEEE 802.11b/g/n		
Frequency Range	2.4~2.4835GHZ		
Security	WPA, 64/128-bit WEP, TKIP/AES		
Transfer Rate	11b:1, 2, 5.5, 11 Mbps		
	11g: 6,9,12,24,36,48,54 Mbps		
	11n(20MHZ): MCS0-15, 32 with Short Guard Interval Support (up to 144Mbps)		
	11n(40MHZ): MCS0-15, 32 with Short Guard Interval Support(up to 300Mbps)		
Spread Spectrum	DSSS		
Transmit Power	15dbm(Typical)@300Mbps		
Antenna	MHF Plug connector with two 2dBi dipole antennas		
Modulation	11b:CCK, DQPSK, DBPSK		
	11g:64 QAM, 16QAM, QPSK, BPSK 11n:64QAM, 16QAM, QPSK, BPSK		
Media Storage	3.5" SATA HDD (Internal)		
LED Display	16*2 Alpha-Numeric Character		
Front Panel Keypad	Power On / Off, OK, Navigation Pad		
Software Specification			
Digital Home Standard	UPnP 1.0, DLNA 1.0		
Web TV / Radio Protocol	RTSP, HTTP, MMS		
Media Format	Audio	MPEG 1 Layer 1/2, MP3, MPEG 2 AAC, MPEG 4 AAC, AC3, WMA, and WMA Pro	
	Video	Full HD 1080 Resolution, MPEG1/2/4 SD/HD, AVI, H.264 HD, WMV9, VC1, and Divx / Xvid	
	Pictures	JPEG, TIFF, PNG, GIF, and BMP	
Languages Support	English, German, French, Italian, Spanish, Portuguese, Turkish, Netherlands, Serbian, Hebrew, Traditional Chinese and Russian		
Environmental			
Dimension (W x D x H)	200 x 150 x 65 mm		
Weight	1240 g		
Cables	AV (RCA) cable 1.5m		
	HDMI cable 1.5m (Black)		
	Ethernet cable 1.5m (Blue)		
Power	12V DC, 5A		
Operating Temp.	0 ~ 45 Degree C		
Storage Temp.	-25 ~ 55 Degree C		
Operating Humidity	10 ~ 90% Non-condensing		
Storage Humidity	10 ~ 90% Non-condensing		
Emission	FCC, CE		

ORDERING INFORMATION

ITB-3100W	Wireless-N IP Set-Top Box
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RELATED PRODUCTS

ITB-3000	High Definition IP Set-Top Box
DMA-200	Digital Media Center
PL-501	200M Powerline Ethernet Bridge
PL-420	85M Powerline to Ethernet Bridge with 4-Port Switch
PL-201	85M Powerline Ethernet Bridge