

# BB Box 2500

Internet Broadband Set Top Box

VOD and streaming MPEG-2/4  
for TV or HDTV viewing.  
Built-in ADSL modem and router.  
Fantastic picture quality, ease of use,  
enabling the broadcast system of the future.

- Max 1920 x 1080 pixels for HDTV (D4 terminal)  
Conventional TV RGB and analog
- FM-net's high picture quality system
- Windows Media Player compatible
- 5.1 channel Dolby surround sound
- ADSL modem built in
- Ethernet 10Base-T/100Base-TX built in
- Mini WWW browser pre-loaded, handles Javascript, Flash
- TV output copy-protected
- Software upgrades automatically online
- Infrared remote control included
- Fiber optic (PNA) connection ready



## Specifications

### Video

Video outputs	Composite video output (pin jack) S-video out (MiniDIN 4pin), D4 (HDTV)
Video inputs	ISO MPEG-4, ISMA Specification 1.0 MPEG-2 MP@ML
Resolution	Max 1920 x 1080 pixels
Video decoding	MPEG-4 advanced simple profile level 5 MPEG-2 MP@ML
Encryption	FM-net license acquisition and decryption module
TV output copy-protection	Macrovision

### Audio

Audio decoding	Dolby digital 2ch downmix MPEG-1 layers I, II, III (MP3) MPEG-4 low complexity AAC Dolby digital 5.1ch/ DTS out via S/PDIF
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Mini WWW browser	
Character set	ASCII, JIS kanji type 1
Plug-ins	Javascript Macromedia Flash

### ADSL modem

Number of ports	1
Connectors	6pin modular jack (RJ11) ITU-T G.992.1 (G.dmt) Annex C spec ITU-T G.992.2 (G.lite) Annex C spec
Speed	Max down 8Mbps/ max up 1Mbps if ITU-T G.992.1 (G.dmt) Max down 1.5Mbps/ max up 512Kbps if ITU-T G.992.2 (G.lite)

### LAN interface

Number of ports	1
Connectors	8pin modular jack (RJ45)
Physical interface	IEEE802.3 (10Base-T) IEEE802.3u (100Base-TX)
Transmission speeds	10/100Mbps (auto select)
full duplex	full duplex/half (auto select)
MDI/MDI-X	auto select

### Router

Protocol	PPPoE (PPP over Ethernet) PPPoA (PPP over ATM)
PPP	Auto-recognition / PAP/ CHAP
PPP / disconnect	Manual/ automatic (normal, connect)/ auto disconnect
DHCP server	yes
IP filter	yes
IP masquerade	Static/dynamic
NAT	Static

### Other

USB interface Internet telephone, WebCamera,  
game controller, etc. ready to go  
Firmware Online upgradeable

### Accessories

Infrared remote control  
AC adapter  
Cables

### Power, case, etc.

Power input	DC12V (from adapter)
Power consumption	20VA
Dimension (W x D x H)	100 x 200 x 240 mm
Weight	750g
Operating conditions	Temperature 5-40°C, Humidity 45-85%

Order it today!

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