

# TSBOX4500

- High-End IP-STB, SSD(mSATA), Capact-Size, 사내방송 , 관공소, VOD, IP-TV방송 등
- Linux based IPTV & IP-based broadcasting
- HD Video Codec include H.264 & WMV9
- WAN Ethernet / Optional 2 Ethernet
- Include multi-stream player  
(RTSP/RTP, Local File, HTTP, Multicast, etc)
- HTML Browser with full functions



Hardware Specification	
Main Chipset	Sigma Designs EM867x, MIPS core, CPU 700 MHz
Memory	Flash Memory : 256MB , DDR2 SDRAM : 256MB (Up to 512MB)
Network Interface	Ethernet 10/100Base-T ( 2 Ethernet option )
Operation Control Interface	IR Remote Control, Front Panel
Video I/O Interface	HDMI, Video(RCA), Component (Option)
Audio I/O Interface	Stereo L/R(RCA 2port), Optical S/PDIF(Optional)
Additional spec.	
USB	USB 2.0 (Option 1port Rear / 1port Inner)
Network Interface	Ethernet 10/100Base-T(Option up to 2ports)
Storage	SSD mSATA 120GB (Min.) / MicroSD(Max.4G) / Inner USB
Others	IR Extension (Ear jack) / Control port (TCU:TV serial control port)
Power ( Adaptor )	AC : 90 ~ 240V / 60Hz , DC : 12V / 2.0A (Max: 24W)
Dimension	180(W) x 140(L) x 35(H)
Software Specification	
O/S	Embedded Linux
Video	MPEG-1, MPEG-2 MP@HL, WMV9 (SD/HD) H.264 MP@L4.0, HP@L4.0 & BP@L3
Audio	MPEG-1(Layer 1,2,3), WMA
Network Protocol	Layer2 : Ethernet Layer3 : IPv4, IGMP Layer4 : TCP, UDP App. : HTTP, FTP, DHCP client protocol
Display	480i, 480p, 720p & 1080i , 1080p resolution,
EPG	HTML Based Web Browser(True Browser)
Multi-stream player with full functions	RTSP/RTP, File, HTTP, UDP Multicast & Windows Media Server client Play/Pause/Stop, Jump, Trick Play( $\pm 4x \sim 64x$ )
Solution	사내방송, 금융권, 관공서, 호텔, 라이브, 스케줄, VOD, IPTV solutions
STB Management	Support self designed STB management tools, SNMP (optional)

# Full Port Interface [ TSBOX4500 ]

[ 전면 ]



후면  
[ 기본형 ]



후면  
[ 전체형 ]



Front panel Interface	
IR	Remocon signal receiver
Power LED	Power On/Off indicator led
Connect LED	Server Connected indicator led
Service LED	Service indicator led
Rear panel Interface	
DC	DC adaptor input port
USB	USB2.0 port(Optional)
R	Stereo Audio Right output port
L	Stereo Audio Left output port
Video	Composite Video output port
COMP	Component Video Output port(Optional)
HDMI	HDMI 1.3 output port
LAN	Ethernet input port
PC	PC output port (2 <sup>nd</sup> Ethernet Option)
IR-Ext	Remote controller Extension input port
Con.	Console or TV serial control port