

Elecard iTelec STB 820-10

H.264 SD DVB-T IP Set-Top Box



Elecard iTelec STB 820-10 is an elegant hybrid Set-top box for IPTV and DVB-T applications. Advanced design and rich feature set make the device a multi-functional home media center, in-house payment terminal, home router and high quality MPEG Player both for video streams and stored files.

Specification

Input interfaces	Ethernet RJ-45 (x2) Digital tuner (DVB-T)
Output interfaces	Video: Composite (RCA), S-Video Audio: Stereo RCA, S/PDIF (Optical)
Other interfaces	Phone jack RJ-11 12 V DC power jack Infrared receiver Two USB 1.1 ports on the front panel
Formats	Transport: MPEG-2 TS over RTP File: AVI, MP4, MPEG-2 PS Video: MPEG-1, MPEG-2 MP@ML, MPEG-4.2 ASP, MPEG-4.10/H.264 MP@L3.0 Audio: MPEG-1 Layer I, II, MPEG-4 AAC
Network	Protocols: UDP (unicast/multicast), IPv4, ICMP, DHCP client, RTMP, IGMP v.3 (RFC2236), RTP (RFC1889), RTSP (RFC2326) Web browser: HTML 4.02, JavaScript 1.5, XHTML, CSS-2, SSL3.0, DOM-2, XML VoIP: SIP protocol
Resolution	Up to D1 (720x576 - PAL and 720x480 – NTSC)
Encryption	Verimatrix, SecureMedia
Dimensions	238x145x35 mm
Power supply	220 V, 50 Hz, 2A

Product highlights

- Two LAN slots allow the STB to operate as a home router
- Support of digital payment systems makes utility bills payment easy and fast
- Optimized web-browser scales web-pages for correct display on a TV screen
- Simultaneous slide-show preview and music playback
- Playback of streams delivered over HTTP makes watching video from YouTube, Facebook, etc. possible
- DVB channels recording on a USB media storage with optional simultaneous playback (PVR Ready)
- WiFi dongle compatibility allows access to wireless networks
- Quick firmware upgrade via IP
- Convenient TV program browsing provided by timeline-based EPG menu
- VoIP with easy-to-use graphical user interface (GUI) allows using external phones and dial pads
- Built-in GUI makes the use of Middleware in small office and hotel networks optional
- Middleware SDK guarantees effortless integration of any Middleware
- Extended support of Elecard engineers guarantees quick feature set tailoring to your needs

Models

The following iTelec STB 820 models are available: STB 820-10, STB 820-20C (with DVB-C support); STB 820-S2 (with DVB-S2 support) is announced.

Order information

Contact Elecard to order any model of iTelec STB 820.

