

Elecard iTelec STB 820-11

H.264 SD IP Set-Top Box



Elecard iTelec STB 820-11 is a multifunctional IP set-top box for IPTV applications. Advanced design and rich feature set make Elecard iTelec STB 820-11 a multifunctional 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)
Output interfaces	Video: Composite (RCA), S-Video Audio: Stereo RCA, S/PDIF (Optical)
Other interfaces and controls	Phone jack RJ-11 12 V DC power jack Infrared remote control Two USB ports on the front panel Connectivity to keyboard and mouse via USB
Formats	Streaming: MPEG-2 TS File: AVI, MP4 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, 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	~100-240 V, 50-60 Hz

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 screen
- Simultaneous slide-show preview and music playback
- Playback of streams delivered over HTTP makes watching video from YouTube, Facebook, etc. possible
- IP 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
- 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

Features

- MPEG-2 and AVC/H.264 video support for highest possible video quality
- AAC audio support for CD quality audio
- MPEG-2 TS, RTP and RTSP, UDP multicast protocol support
- Resolution up to SD
- IP channels recording with optional simultaneous playback (PVR Ready)
- Files playback from a USB media storage or remote folders
- Internet browsing
- Convenient IPTV program browsing provided by timeline-based EPG menu
- Middleware SDK for effortless integration of any Middleware
- Simultaneous slide-show preview and music playback
- VoIP services (SIP, RJ-11 phone jack) with user-friendly GUI
- Quick firmware upgrade via IP

Order information

Contact [Elecard](http://www.elecard.com) to order iTelec STB 820-11.