

IP3030 IP Decoder

Features

- Decodes HD or SD
- Decodes MPEG-2 or MPEG-4
- NTSC/PAL composite and HDMI outputs
- Analog, S/PDIF and HDMI embedded audio outputs
- Decodes MPEG-2 Layer I/II, MP3, AAC-LC and HE-AAC
- Firmware upgradeable via FTP, USB and Over-The-Air (OTA)

The IP3030 IP Decoder provides operators a professional receiver for IPTV systems. It is designed to receive, descramble and decode HD (high definition) and SD (standard definition) video with associated audio.

Video/Audio Decoding

The IP3030 can decode HD or SD video encoded with MPEG-2 and MPEG-4. It performs automatic detection of compression technologies and decodes accordingly.

Digital Tattoo

The IP3030 is fully compatible with IDC's Digital Tattoo suite of products. Digital Tattoo allows Direct-to-Home (DTH) operators to extend their DTH services to Multiple Dwelling Units (MDUs) within their satellite footprint.

Beyond enabling just linear services such as live TV, the IP3030 is compatible with Digital Tattoo's Video-On-Demand (VOD) server. Users can access this VOD server over the local LAN or the Internet using the built-in web browser feature. The IP3030 can access Transport Stream over IP (TSolP) and stored video files for business training and distance learning applications.

The IP3030 automatically learns configuration information such as available IPTV channels, EPG data, etc. using IDC's Service Information Multicast (SIM) generated by Tattoo Gateway. This greatly simplifies deployment and enhances scalability making the IP3030 ideal for large and small networks alike.

Conditional Access Systems (CAS)

The IP3030 has options for decryption of Conditional Access Systems (CAS). Irdeto, NDS or Verimatrix can be integrated with the purchase of an extra license. This may require a smart card for insertion into the smart card reader on the back of the IP3030. The most popular system is cardless CAS from Verimatrix which does not require a physical smart card.

Leading Edge Audio Decoding

Audio codecs are included for MPEG-2 Layer I/II, MP3, AAC-LC and HE-AAC. Dolby Digital (AC-3) is supported on pass-through for S/PDIF. Thus high performance digital audio is supported embedded in HDMI and S/PDIF while unbalanced audio is supported on analog RCA connectors.

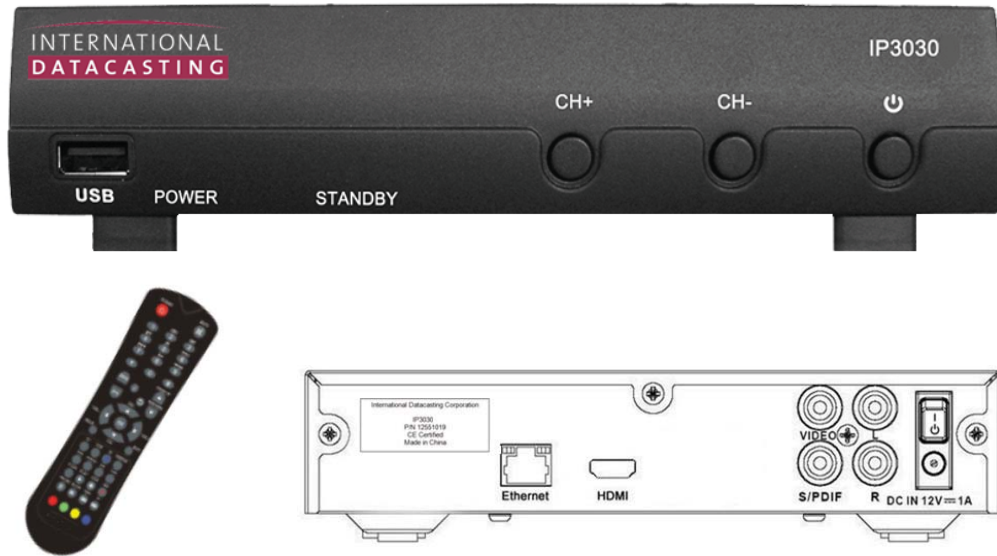
IPTV Network

The IP3030 is ideal for IPTV deployments. It accepts video/audio services formatted as Single Program Transport Stream (SPTS) over IP. For a small number of services, these IP streams can be simultaneously presented to the IP input of the IP3030 via the local LAN. For large numbers of services, IGMP is used to manage the IP streams and reduce the LAN network bandwidth presented to the IP3030. Using IGMP, hundreds of IP streams from multiple sources can be made available to IP3030 IP Decoders in a comprehensive IPTV system.

Buy Now!



TECHNICAL SPECIFICATIONS—IP3030 IP Decoder



VIDEO/AUDIO CAPABILITIES	
Multi-Standard Video Decoder	<ul style="list-style-type: none"> MPEG-1/2/4 Video Decoder <ul style="list-style-type: none"> ISO/IEC 13818-2 MPEG-2 MP@HL up to 1080p@30fps ISO/IEC 14496-2 MPEG-4 SP and ASP up to 1080p@30fps H.264 Decoder <ul style="list-style-type: none"> ITU-T H.264, ISO/IEC 14496-10 main and high profile up to level 4.1 up to 1080p@30fps Up to 15 Mb/s
Multi-Standard Audio Decoder	<ul style="list-style-type: none"> Digital audio decoding: <ul style="list-style-type: none"> MPEG-1, MPEG-2 Layer I/II, MP3, AC-3 (Dolby Digital), AAC-LC E-AC-3 (Dolby Digital Plus) HE-AAC 5.1 multi-channel HE-AAC v1 and HE-AAC v2 AC-3 stream output (pass-through) on S/PDIF and HDMI <p>Note: AC-3, E-AC-3 and HE-AAC v2 audio decoding require additional licenses.</p>
FRONT PANEL INDICATORS	
LED Status Indicators	power, standby, signal

CONNECTIONS	
Ethernet	RJ45-Ethernet on 10/100 Base-T IP address setup: DHCP or static IP IP multicast: IGMP, TS over UDP, TS over RTP IP protocol: TCP/IP, UDP, DHCP, DNS, HTTP SNMP network management protocol Note: IGMP must be used for IP data rates greater than 15 Mb/s
Video	<ul style="list-style-type: none"> HDMI 1.3 transmitter with embedded or external HDCP key HDCP 1.2 encryption engine Note: HDCP requires an additional license Composite on RCA female
Audio	Analog: left & right on 2x RCA female Digital: S/PDIF coaxial on RCA female
USB Interface	USB 2.0 Host
IR Control	32 key IR remote control included
POWER REQUIREMENTS	
Supply Voltage	AC 110-240V, 50/60Hz
Power Consumption	15 Watts (typical)
PHYSICAL PARAMETERS	
Dimensions (D, W, H)	17 mm x 176 mm x 35 mm
Weight	400g
ENVIRONMENTAL CONDITIONS	
Operating Temperature	0° to 30° C (32° to 86° F)