

Impulse^{T2/C}

Full HD Digital T2 Terrestrial / Cable Receiver
 With Conax embedded card reader



- One Conax Embedded Smart Card Slot
- High Speed USB 2.0 Connection Support
- External Infra port
- TimeShifting Support
- Software Upgrade via USB

- MKV, AVI, MPG, MP4, TS, VOB, JPEG & MP3 Playback Support
- Dolby Digital Bit-Stream out via Digital Video Output
- Low Power Consumption in Stand-By

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TECHNICAL SPECIFICATIONS:

Tuner & Demodulation

Tuner Type:	DVB-T2 / DVB-C
Frequency Range:	108MHz~862MHz
RF Input Level:	"-80dBm to -20dBm"
Antenna power output:	DC 5V at max 75mA, Overload protection
Demodulation:	COFDM 1K, 2K, 4K, 8K normal and extended, 16K normal and extended, 32K normal and extended
Input Symbol Rate:	1.0 ~ 7.0Ms/s
Constellations:	QPSK, 16QAM, 64QAM, 256QAM / Both rotated and non-rotated
Guard Intervals:	1/4, 19/256, 1/8, 19/128, 1/16, 1/32, 1/128
Code Rate:	1/2, 3/5, 2/3, 3/4, 5/6

MPEG TS A/V Decoding

Transport Stream:	MPEG-2, MPEG-4 (H.264)
Input Rate:	Max.120Mbit/s
Aspect Ratio:	4:3, 16:9, Letter Box
Video Decoding:	MPEG-2, MP@ML, MPEG-4 part 10/H264
Video Resolution:	720*480p/i, 720*576p/i, 1280*720p, 1920*1080p/i
Audio Decoding:	MPEG-1 layer I/II, MPEG-2 layer II, Dolby Digital
Audio Mode:	Left / Right / Stereo/ Mono
Sampling Rate:	32, 44.1 and 48KHz

System Resources

Main Processor:	1333 MHz based CPU
Flash Memory:	64MBits
DDR RAM:	1024Mbits

A/V & Data Input/Output

IR IN:	External IR Connection (Jack Type)
USB:	One USB 2.0 slot Compatible
Digital Video Output:	VER1.3, Type A, Dolby Digital Bit-Stream Output
S/PDIF:	Optical Digital Audio or Dolby Digital Bit Stream Output
SCART:	(1-CVBS, 1-L/R,SL,FB),or RCA output

Physical Specifications

Size[W*H*D]:	140mm*110mm*35mm
Net Weight:	0.25 Kg
Operation Temperature:	0°C~+45°C
Storage Temperature:	-10°C~+70°C
Storage Humidity:	5%~95% RH (Non-Condensing)



IR RECEIVER