

DVB-T Digital Terrestrial Receiver for Mobile (Double Tuner)



APH RTT8028D

This Dual Anti-Doppler Diversity Mobile DVB-T Receiver is specifically designed with high mobility performance in mind that provides the best mobile digital TV reception capability for vehicles on road at high speed. **RTT8028D** is in its own class and the ultimate mobile digital TV receiver for cars.

Product Specifications:

Software Function

- ✦ Intelligent, dual LNB, Receivable technology for classification
- ✦ Fully DVB-T & MPEG II compliant
- ✦ 6MHz, 7MHz & 8MHz automatic software settings
- ✦ Dual Language EPG (Electronic Program Guide) (Chinese & English) display and overview the program form for the next 64days.
- ✦ OSD multi-language menu
- ✦ PAL/NTSC automatic conversion
- ✦ OSD Teletext (page cache for 3000 pages)
- ✦ Channel list editor (copy, move and delete operations available)
- ✦ Scan channel automatically
- ✦ Switch channel quickly
- ✦ Strongly resist interrupt transmitted in many ways
- ✦ Software update automatically by networks

Hardware Equipment

- ✦ Main Chipset: Sti5518, main frequency: 81MHz
- ✦ Flash ROM: 4Mbytes
- ✦ SDRAM: 8Mbytes, 16Mbytes (optional)

Decoding Signals

- ✦ Input frequency: 174-862MHz UHF & VHF
- ✦ Input Voltage: -72 ~ 20dBuV
- ✦ QAM Mode: QPSK, 16QAM, 64QAM
- ✦ RF Input: IEC 169-2(F) 75Ω

Video

- ✦ Standard Apply: ISO/IEC 13818-2, MPEG-2, MP @ ML
- ✦ Tele Text: DVB-TXTESI/EN300472
- ✦ Video Types: NTSC/PAL/AUTO
- ✦ Video Format: 4:3 or 16:9
- ✦ Output Standard: 720 x 576 (Max)
- ✦ Video Output: CVBS

Audio

- ✦ Audio Standard: ISO/IEC 13818-3 MPEG-1 Layer I and II
- ✦ Audio Decode Mode: MPEG-II Layer I & II
- ✦ Audio Output: Left, Right, RCA input
- ✦ Sampling Rate: 32/44.1 / 48KHz
- ✦ Output: 600Ω

Input Power

- ✦ Input Voltage: 8 ~ 28VDC
- ✦ Voltage Consumption: 15W (max)

Dimension Data

- ✦ Dimension (mm): 267 x 170 x 50
- ✦ Operating Temperature: -0°C ~ 40°C

Technical Data

Standard Mode:	DVB-T, MPEG-2
Demodulate Mode:	QPSK, 16QAM
Symbol rate:	1/2, 2/3, 3/4, 5/6, 7/8
Decode Standard:	ISO / IEC 13818-1
Audio Standard:	ISO / IEC 13818-3
Sound Track:	Left / Right / Stereo
Video Decode Mode:	ISO / IEC13818-2, MPEG-2, MP @ ML
Video Output Mode:	PAL / NTSC / AUTO
Video Formats:	4:3, 16:9
Main input voltage:	8-28VDC
Normal Power Consumption:	15W max
Insulation Resistance:	≥ 100MΩ (DC 500V)
Electric Strength:	3000V ~ / 10mA / 1min
Operating Temperature:	-0°C ~ 40°C