

EMPEROR CORP. (H.K.) LTD

PRODUCT SPECIFICATION

Model No.: DTR-1203EU

Description: Mini Mobile DVB-T Receiver with Diversity

Feature:

- Use DiBcom dib7070M/dib9080M high performance NIM chip with diversity structure
- Speed over 230km/h min (at 8k, 64QAM, CR2/3, GI1/8, 474MHz)
- High Doppler effect correction
- Provide antenna power supply function for pair use with mobile active antenna
- Stores Over 1000 TV & radio programs
- Channel list editing
- Favorite channel list editing
- Support USB Interface , mp3 and mp4
- PIG (Picture in Graphic) support
- 3 Sets of video output for tourist bus and vent to install with 3 monitors
- On screen channel information
- USB for SOFTWARE upgrade
- OSD Teletext (DVB ETS 300 706) and subtitle function support (EU model)
- VBI Teletext support (EU model)
- Fast scan for high speed driving and cross difference area
- Wide DC power input from DC12-24V, suitable for CAR
- 1 set of AV input for other DVD/GPS/GAME application

Technical Specification

Tuner:

RF Input	UHF: 470 MHz ~ 862MHz VHF: 174 MHz ~ 230MHz
Input Impedance	75Ω
Signal Level	-78.5dBm ~ -25dBm
Connector Type	F type terminal x 2
Channel Band Width	6M/7M/8M

Demodulation

Standard	DVB-T EN300 744
Constellation	QPSK , 16QAM, 64QAM
Guard Interval	1/32, 1/16, 1/8, 1/4
FEC	1/2, 2/3, 3/4, 5/6, 7/8
COFDM Carrier Mode	2K And 8k Non Hierarchical /Hierarchical

Video Decoder

Standard	MPEG-2 MP@ML
Transport Stream	ISO/IEC 13818-1 MPEG-2
Video Aspect Ratio	4.3 /16.9
Video System	PAL / NTSC
Video Output	1 ± 0.3Vpp
Video Resolution	750*576@25fps/720*480@30fps

Audio Decoder

Standard	ISO/IEC 11172-3
Audio Decoder	MPEG-1/2 Layer I And II
Audio Channel	R/L/ST
Audio Output	1Vpp 47Kohm Adjustable With E Volume

Connector:

Power Cable And Jack	6Pins: 1.DC+12~24V Input 2.ACC 3.Parking Switch 4.DC+12~24V Output 5~6.GND
IR Extension Jack	For IR Extension Box
A/V Output Jack	Video:3 RCA Jacks(4 Ways) Audio:2 RCA Jacks(R/L)
Upgrade Port	USB Type
A/V Input Jack	Video:1 RCA Jacks(2 Ways) Audio:2 RCA Jacks (2 Ways R/L)
ANT1, ANT2 Input Jack	IEC169-24, Female F Type

General:

MPEG II Chip	SUNPLUS 1002 With 32bit RISC ARC CPU 108MHz
Flash Memory	8 Mega bit
SDRAM	64 Mega bit
Operating Temperature	-10°C ~ +50°C
Storage Temperature:	-40°C ~ +65°C
Power Supply	DC +12V ~ 24V ±10%
Power Consumption	Running : 3.8W Max , Standby :2.5W Max
Dimension	125(L)*71(W)*27(H) mm
Packing Size (GIFT BOX)	164 (L) * 160(W) *44(H)mm
Weight	N.W.: 0.25Kg±10% G.W.: 0.71Kg±10%
Accessories	1.R/C Unit 2.DC Cable 3. Mounting Lug 4. Screw Set 5. IR Extension Box 6. AV Wire 7. Active Antenna (Option) 8. Operation Manual