

PRD10485 - HD DIGITAL TV RECEIVER WITH DUAL TUNER DATASHEET



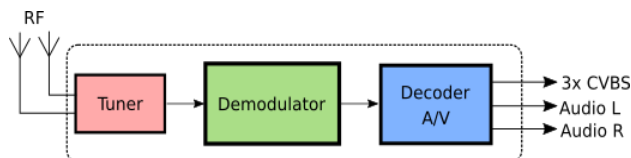
DESCRIPTION

The HD Digital TV Receiver with Dual Tuner, is fully compliant to ISDB-T standard, supports many kinds of HD TV. It was specifically designed, qualified and supported for use in automotive applications.

FEATURES

- Support MPEG-4/H.264 High Definition/Standard Definition decoding;
- Video output: 3x CVBS;
- Support Standard Definition program into High Definition output;
- Support High Definition program into Standard Definition output;
- Support 4:3 and 16:9 screen ratio;
- Support 7 days EPG;
- Support 32 bit 16:9 True color OSD;
- Easy upgrade software by USB.

BLOCK DIAGRAM



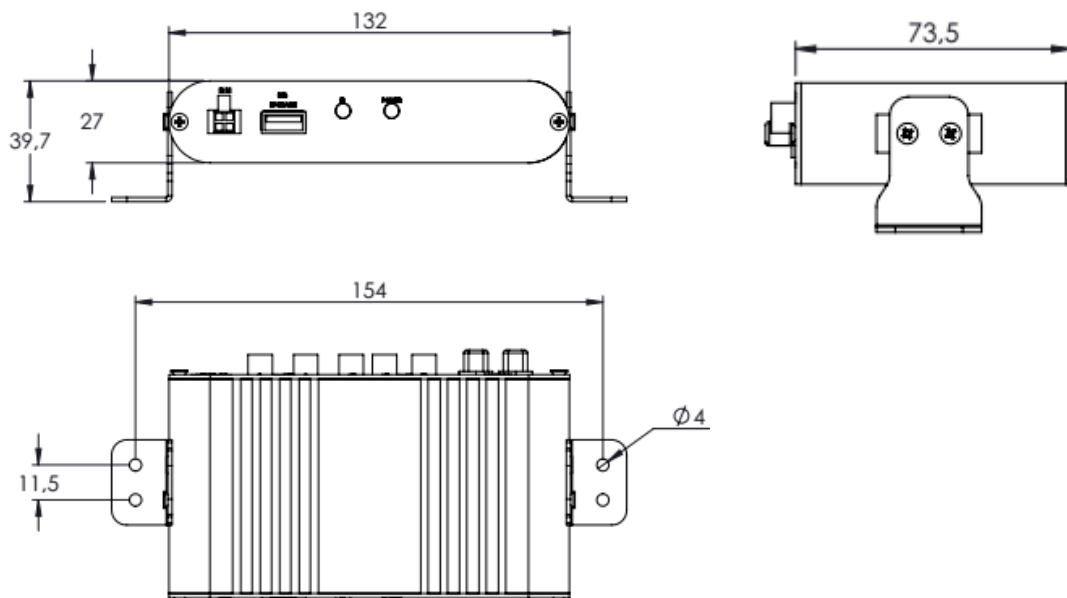
	By	Date	HD DIGITAL TV RECEIVER WITH DUAL TUNER	Ref. ACTIA	Index
Des.	E. Viana	03/03/18		PRD10485	Rev03
Rev.	L. Ferras	30/10/18			
Appr.	C.Dambroz	03/03/18			Page 1/5

TECHINICAL DATA

PARAMETER	MIN.	TIP.	MAX.	UNIT.
Input Voltage	9	24	32	VDC
Power consumption	-	-	8	W
Current consumption	-	285	-	mA
Operation temperature range	-10	-	60	°C
Storage temperature range	-20	-	70	°C
Input frequency	VHF: 170 to 230 UHF: 450 to 950			MHz
Sensibility	FULL SEG: -12 to 82 1 SEG: -12 to 96			dBm
Demodulation	ISDB-T standard OFDM			
Bandwidth	6/7/8			MHz
SDTV Standard	PAL / PAL-M/ NSTC			-
Video Decoding	MPEG-2/ H.264 HD			-
Audio Decoding	MPEG1 & MPEG-2 layer I and II, AAC, HE-AAC			-
HDTV Output	720p, 576p, Auto (3 x CVBS)			-
Output mode	Left, Right, Stereo			-
Screen ratio	4:3; 16:9			-
Resolution	1280x720; 720x576; 720x480			pixels
Weight	0.2			kg
OTHERS				
Language OSD	English, Spanish and Portuguese.			-
Acessories	Cable (Power, IR, CVBS), one antenna. Remote control.			-

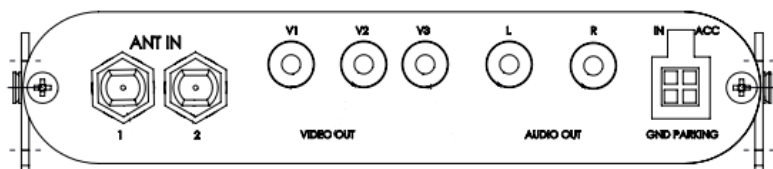
DIMENSIONS

(Millimeters)



CONNECTORS

(Millimeters)

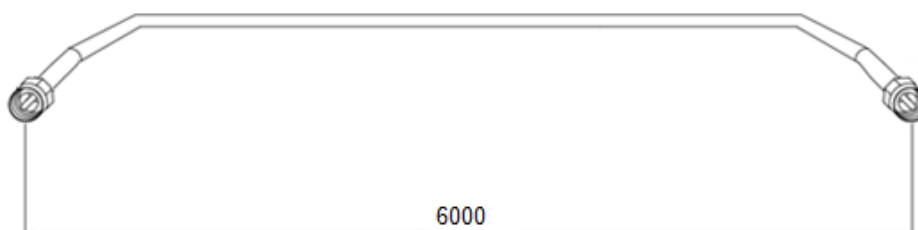


- FASTON**



FASTIN-ON Macho 2 Vias
 AMP-TYCO /880310-1
 AMP-TYCO /880636-2

- Extensor cable (1 part)**



Mechanical Visualization

PRD10485 – HD Digital TV Receiver with Dual Tuner (132mm x 94mm x 27mm)



Frontal View



Rear View

- **Accessories**



- **Antennas**





REVISION HISTORY

<i>Revision</i>	<i>Date</i>	<i>Reviewer</i>	<i>Description</i>
03	30/10/18	L. Ferras	Version with one extension cable