

PRD10710 INDIVIDUAL VIDEO SYSTEM 10" BASIC DATASHEET



DESCRIPTION

TACTIL 10" BASIC is an entertainment and personal information device designed to operate on buses and other vehicles. The display adopts the IPS Technology (In Plain Switching) which prevents leakage and loss of light resulting more intense colors and greater sharpness preventing visual fatigue during extended use. The display has one backlight with high brightness white LED. Hardware and software are customized to be an entertainment center. It is developed in a system based on Android, making the initial settings easier. It has installed a main application called Launcher that is an interface to the user that allows to execute different types of applications such as playing audios and videos. The 10 points capacitive multi touch system allows greater interactivity with the equipment.

FEATURES

- TFT 10" IPS Display
- LED backlight system
- 1280x800 resolution
- Wide viewing angle
- Reverse polarity protection
- 1GB internal RAM memory
- Quad Core Processor
- Android 4 or higher
- Movie playback with DRM
- Dual jack for output Audio
- Reset button
- Built in WIFI antenna

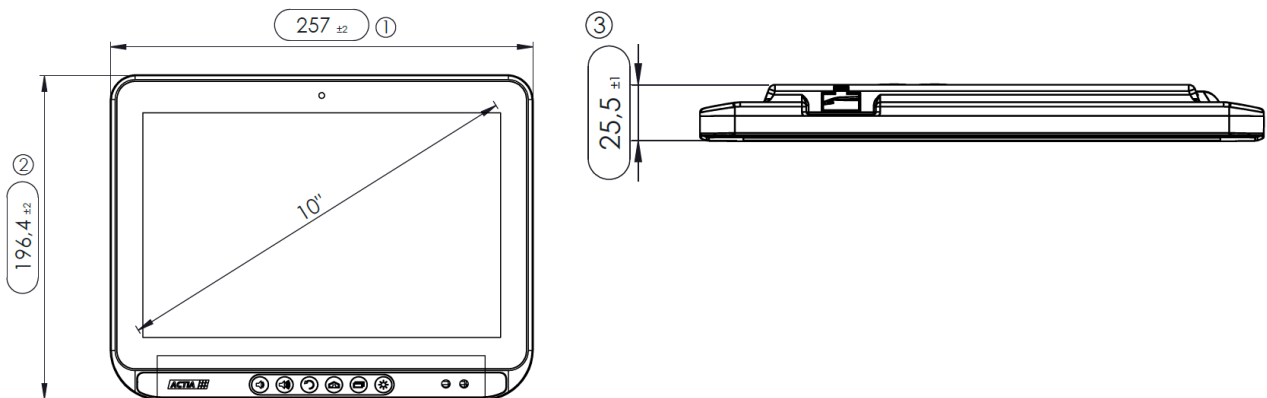
	By	Date	INDIVIDUAL VIDEO SYSTEM 10" BASIC	Ref. ACTIA	Index
Draw	F.Gidião	05/08/2018		PRD10710	Rev00
Verif.	F.Gidião	05/08/2018			Page 1/4
Appr.	C.Dambroz	05/08/2018			

TECHNICAL DATA

PARAMETER	MIN	TYP	MAX	UNIT
Supply voltage range	9	24	32	Vdc
Current Consumption	-	250		mA
Operation temperature	−40 to +66			°C
CPU	A33 Quad Core ARM Cortex A7			
Memory	RAM		1GB	
	ROM		8GB	
	External (SD Card)		Up to 128GB	
O.S.	Android 4 or higher			
System	Video: AVI, FLV, 3GP, 3GPP, MOV, MP4, DAT, MPEG, MPE, MPG, M2V, ISO, VOB, 3G2, MKV, TS, M2TS, M3TS, M4TS, M5TS, MTS M4V, FLC Audio: MP1, MP2, MP3, WMA, WAV, OGG, OGA, FLAC, ALAC, APE, ACC, M4A, RM Image: JPG, JPEG, BMP, GIF, PNG			
Display	Capacitive TFT 10” IPS			
Resolution	1280x800			
Network	WiFi 802.11 b/g/n/ac			
Dimension	257.10mm x 197.8mm x 24.05 mm			
Connection	2 x USB, 2 x Jack, 1 x Power, 1 x SD Card			
Weight	735g			
IP Protection	IP62			

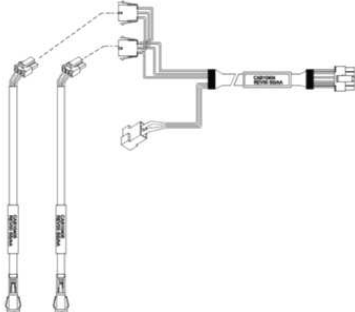
DIMENSIONS

(Millimeters)

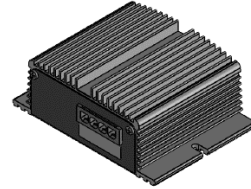


ACCESSORIES

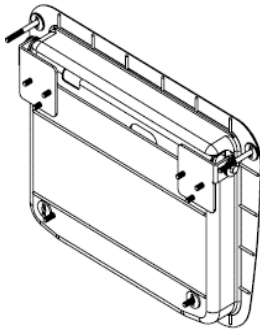
It is mandatory to use the following accessories to install the system:



Electrical Cables
(Ref.: PRD10521)



Filter (can power 15 devices)
(Ref. PRD10589)



Embedded In Mechanical Support
(Ref. PRD10588) *



Fixed Wall Mechanical Support
(Ref. PRD10701) *

**according to the armchair design, should be used embedded or fixed wall mechanical support.*

APPLICATIONS

- Music
- Video
- Audio book
- Games
- Social Network (need a internet link)

SECURITY

The system uses a special screw to protect the SD card and need a special key (Ref. PRD10733) to open the compartment.

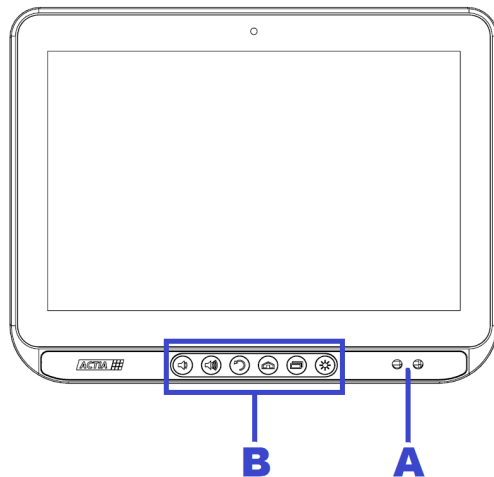
ADVERTISING CONTENT

The Tactil has an external memory (SD Card) where the contents are stored and also the advertising content (banners and/or institutional videos). Advertising content will be displayed right after the boot process.

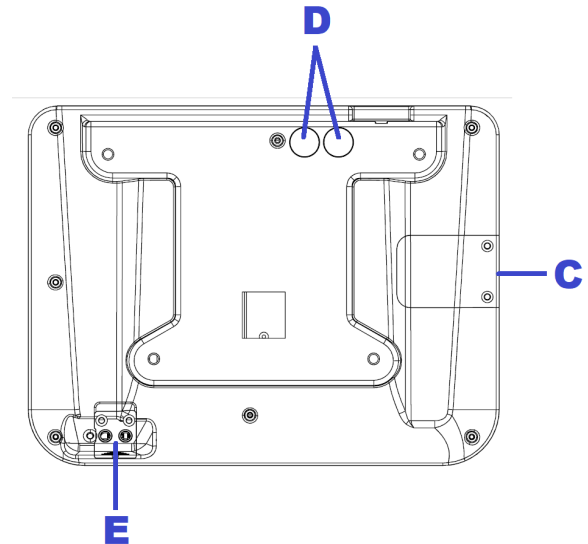
- Institutional or Security Video
- Banners (up to 7)

CONNECTORS AND BUTTONS

Front view



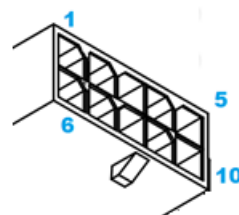
Rear view



LOCATION	DESCRIPTION
A	Output Audio (2x)
B	Capacitive Touch Buttons
C	SD Card
D	USB (2x)
E	Reset Button

POWER CONNECTOR

PIN	DESCRIPTION
1	Not used
2	Not used
3	Not used
4	Not used
5	Not used
6	Right Audio Channel
7	GND Audio
8	Left Audio Channel
9	GND
10	VCC



Front View Connector

REVISION HISTORY

Revision	Date	Reviewer	Description
00	05/08/2018	F.Gidião	Document creation.