

S701A

## 7" Quad core Mobile Data Terminal



## Features

- 7" inch capacitive touch screen, 1 power key
- Android 4.4.4 OS
- Supports analog video input 1\*CVBS input, 2\*RS232, 1\*RS485, 1\*CANBUS, 1\*USB OTG, 3\*DI/2\*DO
- 10V-32V / No battery

## Specifications

## Processor &amp; Operating System

CPU Rockchip PX3 cortex-A9 Quad-core, 1.6GHz

Operating System Android 4.4.4 OS

## Memory

DDR3 2GB

Nand Flash 8GB

## Display

7 inch WVGA 800\*480, Capacitive screen

LED backlight, wide type

350 nits

## Keypad &amp; Buttons

1 power button

1 LED

## Interface ports

RS232 serial ports	3
RS485 (Optional)	1
CVBS Input	1
CANBUS (Optional)	1
USB ports	1 x 2.0 USB OTG

### Accessible Expansion Slots

Internal/External TF socket	TF card / max 32G
Internal SIM card	GSM communication

### I/O port

Digital input x 3 line

Digital output x 2 line

### Audio

Speaker	2W 8ohm, Size:40mm
	EAR & MIC

### GPS (Optional)

GPS/BD Module TCM3551

66 channels

Sensitivity -163 dBm

### GPRS/WCDMA/LTE (Optional)

GPRS module	SIM800 850 MHz/900 MHz/1800 MHz/1900 MHz
WCDMA module	MU709 900 MHz/1800 MHz/1900 MHz/2100MHz
LTE module	MU609 850 MHz/900 MHz/1800 MHz/1900 MHz HUAWEI ME909s-821

Sensitivity -106 dBm

### Wireless Communication (Optional)

Bluetooth	Class II, V3.0
WIFI	Realtek 8189ES

### Antenna (Optional)

GPS Antenna	External
GSM Antenna	External

### Physical Characteristics

Size	190*118*25mm
Weight	Approximately 2.5kg

### Environment

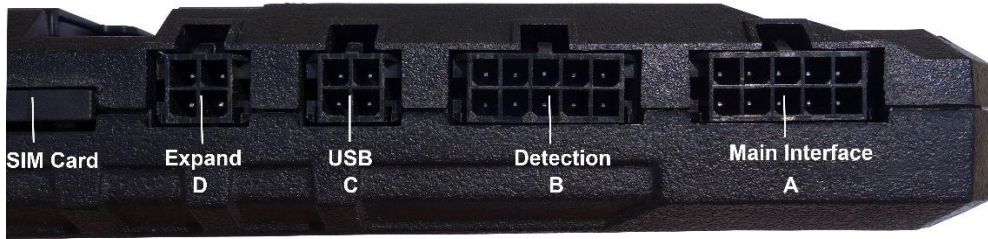
Main Power	10V~32V
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Battery	No battery
Operating Temperature	-30°C to 80°C
Humidity	5% - 90%

## I/O Connector

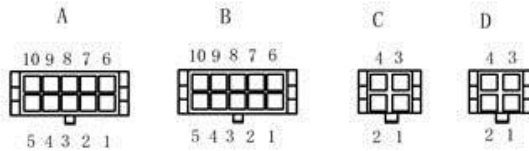
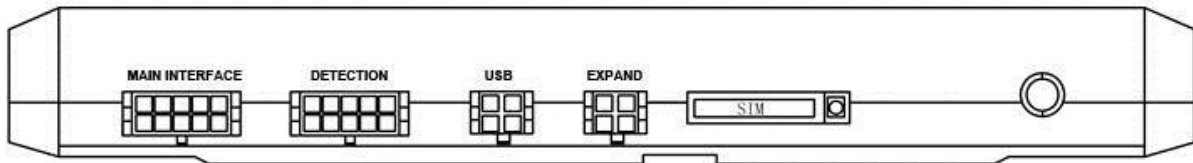






## Pin Assignment

Please choose what interfaces you want, we will make new extension lines for you.



A		B		C		D	
1	B-	1	UTXD1	1	USB D+	1	USB D+/UTXD0 /LINEINL
2	B+	2	URXD1	2	USB D-	2	USB D-/URXD0 /LINEINR
3	ACC	3	INPUT0/KEY	3	USB 5V	3	USB 5V/MIC_P
4	GND	4	INPUT1	4	GND	4	GND/MIC_N
5	TXD1	5	INPUT2				
6	RXD1	6	OUTPUT0				
7	GND	7	OUTPUT1				
8	TXD2	8	GND				
9	RXD2	9	CVBS1				
10	INPUT3	10	CVBS2				

W7 interfaces