

W701

## 7" Mobile Data Terminal with CSR A6

**Features**

- 7 inch touch screen, 1 power key
- WinCE6.0
- Supports analog video input 1\*CVBS input, 2\*RS232, 1\*USB OTG, 3\*DI/2\*DO
- Supports WCDMA/GPRS, GPS
- 10V-32V / No battery

**Specifications****Processor & Operating System**

CPU	ARM Cortex-A9 Core 800MHz, CSR A6
-----	-----------------------------------

Operating System	WinCE 6.0
------------------	-----------

**Memory**

DDR3	256MB, up to 512MB
------	--------------------

Nand Flash	256MB, up to 4GB
------------	------------------

**Display**

7 inch WVGA 800*480
---------------------

LED backlight, wide type
--------------------------

350 nits
----------

**Keypad & Buttons**

1 power button
----------------

1 LED
-------

**Interface ports**

RS232 serial ports	2
CVBS Input	1
USB ports	1 x 2.0 USB Device (default)

### Accessible Expansion Slots

Internal/External SD socket	1 x Micro SD and 1 x External SD, support up to 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

GPS/BD Module ATGM332D

66 channels

Sensitivity -163 dBm

### GSM/GPRS/WCDMA (3G)

GPRS module	SIM800 850 MHz/900 MHz/1800 MHz/1900 MHz
WCDMA module	MU709 900 MHz/1800 MHz/1900 MHz/2100MHz
	MU609 850 MHz/900 MHz/1800 MHz/1900 MHz
	Sensitivity -106 dBm

### Antenna

GPS Antenna	External
GSM Antenna	External

### Physical Characteristics

Size	190*118*25mm
Weight	1.5 kg

### Environment

Main Power	9~36V
Battery	No battery
Operating Temperature	-20°C to +70°C
Humidity	5% - 90%

# I/O Connector

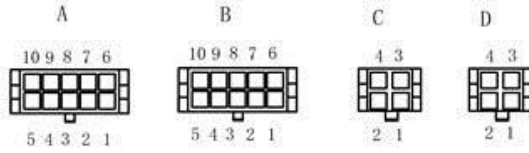
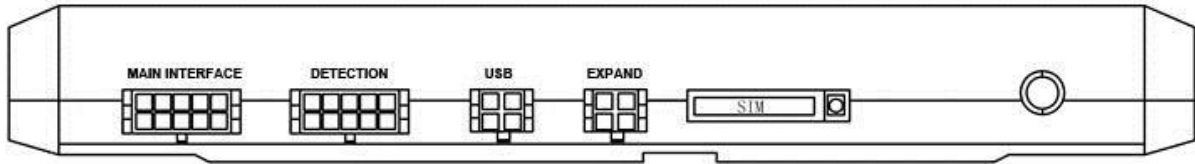




Two Solutions for Connection

# 1. A, B C, D PORTS Pin Assignment

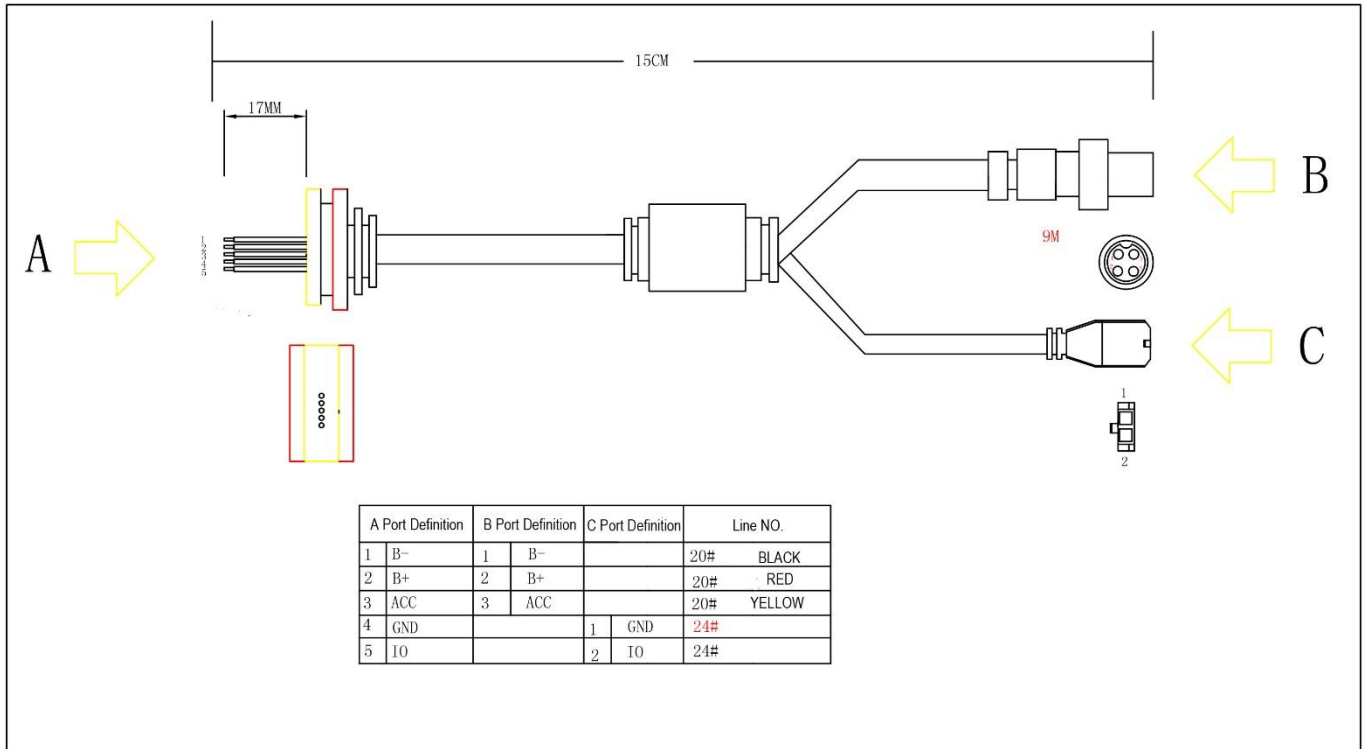
Please choose what interfaces you want, we will make new extension lines for you.



A		B		C		D	
1	B-	1	UTXD1	COM7	1	USB D+	COM5
2	B+	2	URXD1		2	USB D-	
3	ACC	3	INPUT0/KEY	GP101_14	3	USB 5V	COM5
4	GND	4	INPUT1	GP101_10	4	GND	
5	TXD1	COM2	5	INPUT2	GP101_22	3	USB 5V/MIC_P
6	RXD1		6	OUTPUT0	GP101_7		4
7	GND	COM4	7	OUTPUT1	GP101_23	3	USB 5V/MIC_P
8	TXD2		8	GND			4
9	RXD2	COM4	9	CVBS1		3	USB 5V/MIC_P
10	INPUT3		GP102_14	10	CVBS2		

W7 interfaces

# 2. E PORT Pin Assignment



A Port Definition	B Port Definition	C Port Definition	Line NO.
1 B-	1 B-		20# BLACK
2 B+	2 B+		20# RED
3 ACC	3 ACC		20# YELLOW
4 GND		1 GND	24#
5 IO		2 IO	24#