

# 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

DDR	256MB, up to 512MB
EMMC	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
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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  
MU709 900 MHz/1800 MHz/1900 MHz/2100MHz  
WCDMA module 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



Power Button

TF Card

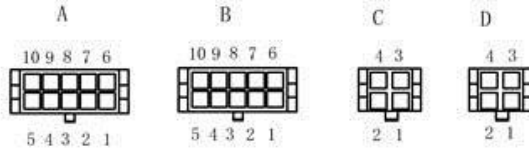
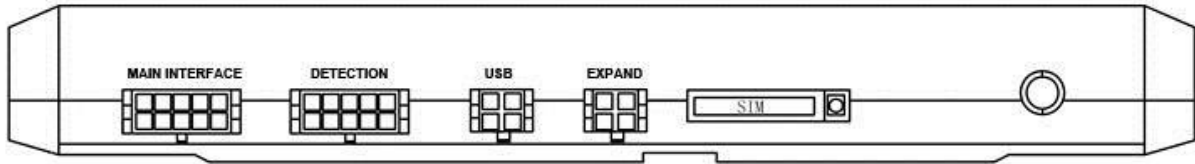
USB



Two Solutions for Connection

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

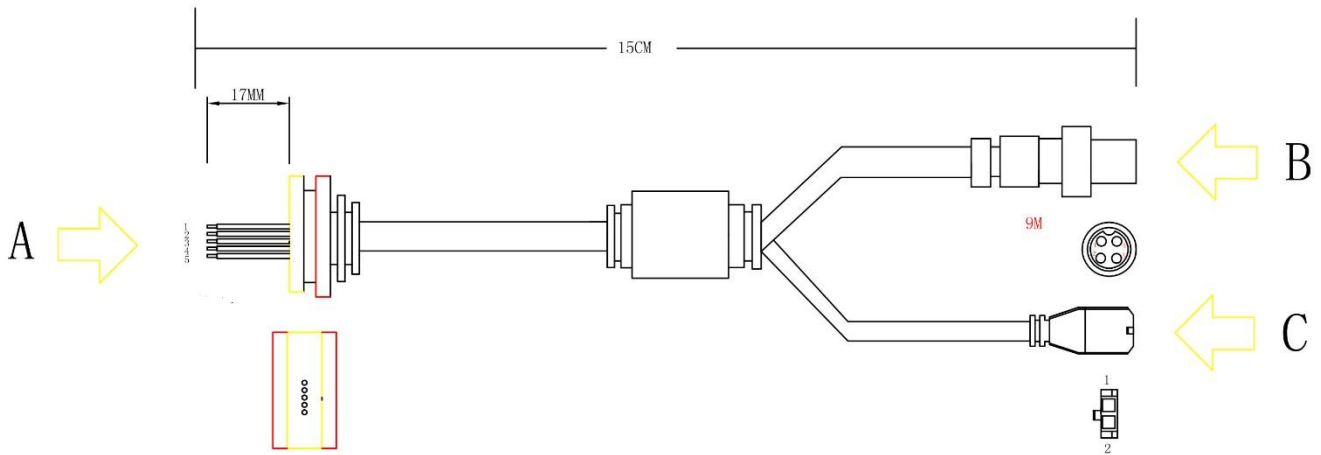
Please choose what interfaces you want, we will make new extension lines for you.



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	GND/MIC_N
7	GND	COM4	7	OUTPUT1	GP101_23			
8	TXD2		8	GND				
9	RXD2	9	CVBS1					
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#