

W7

7" Quad-core Mobile Data Terminal with RFID reader



Features

- 7" WVGA LCD with 9 programmable hot keys, 1 power key
- Android 4.4.4 OS
- Supports analog video input 1*CVBS input, 2*RS232, 1*USB OTG, 3*DI/2*DO
- Supports LTE/WCDMA/GPRS, GPS, WIFI, BLUETOOTH, RFID reader
- 10V-32V / No battery

Specifications

Processor & 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 & Buttons

9 function keys (support external keyboard)
1 power button
4 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 Micro SD card / max 128G Byte

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 TCM3551

66 channels

Sensitivity -163 dBm

GPRS/WCDMA/LTE

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

FM(optional)

RFID reader Mifare 1 s50,s70 meet requirement ISO14443A
13.56MHZ Mifare card read/write

Bluetooth(optional) Class 2, 4.0 (GAP/SPP)

Antenna

GPS Antenna External

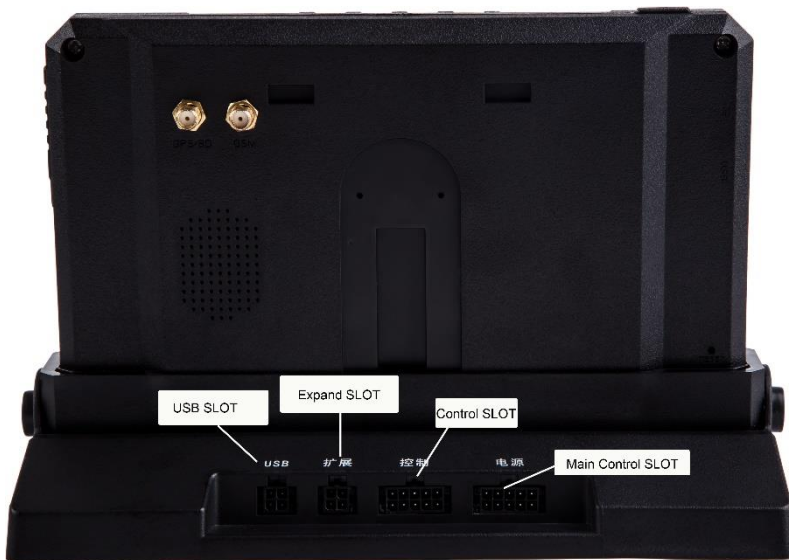
GSM Antenna External

Physical Characteristics

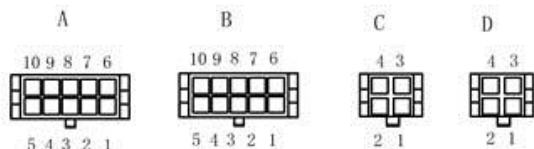
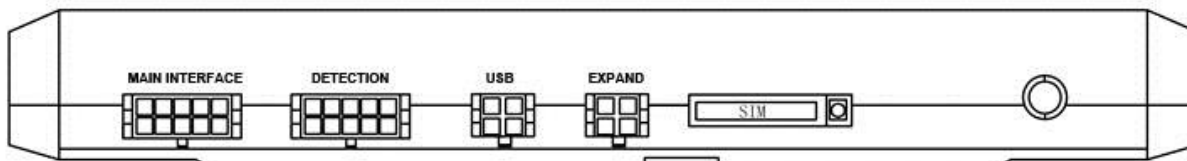
Size 200*118*28mm

Weight	1.5 kg
Environment	
Main Power	10V~32V
Battery	No battery
Operating Temperature	-20°C to +70°C
Humidity	5% - 90%

I/O Connector



Pin Assignment



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	7	OUTPUT1	GP101_23				
8	TXD2	COM4	8	GND				
9	RXD2		9	CVBS1				
10	INPUT3	GP102_14	10	CVBS2				

W7 interfaces