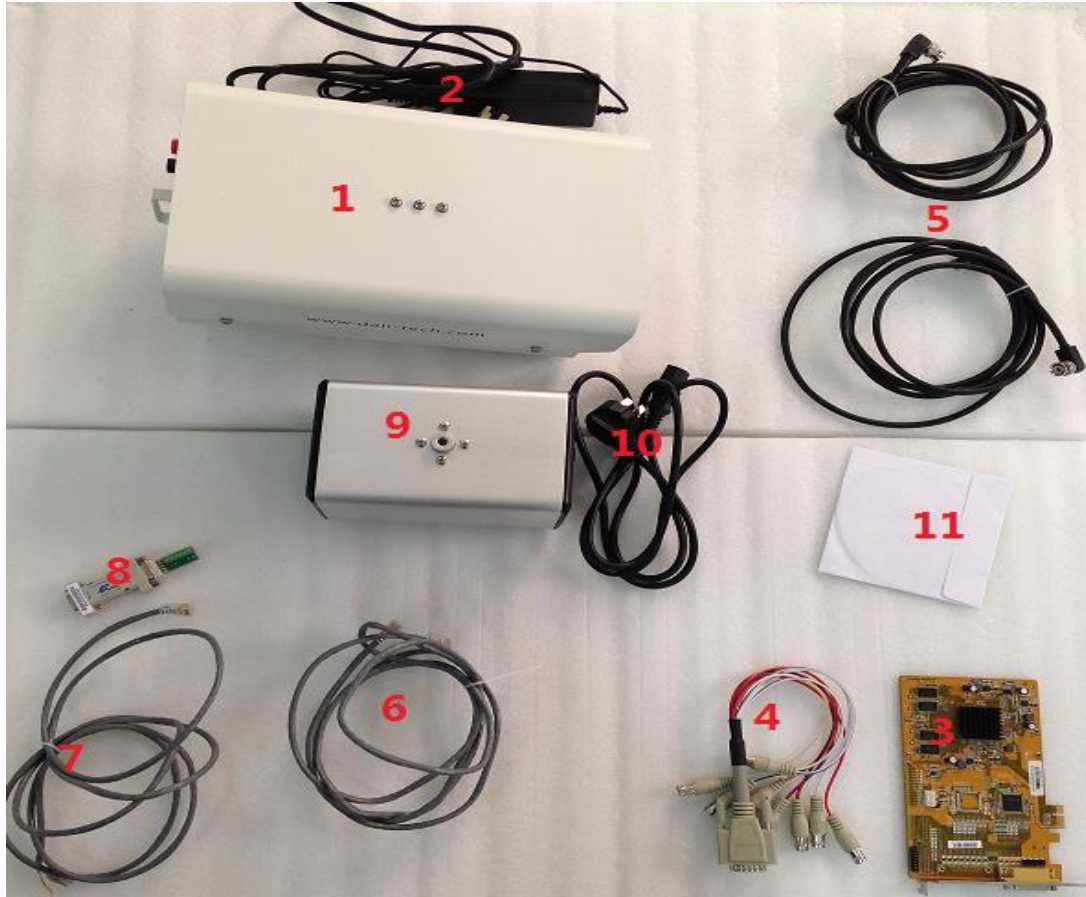


## TT-1060WMD-HBTMS System Quick Connect Guide

Components overview (PC and mobile platform not include)



1

### Components List

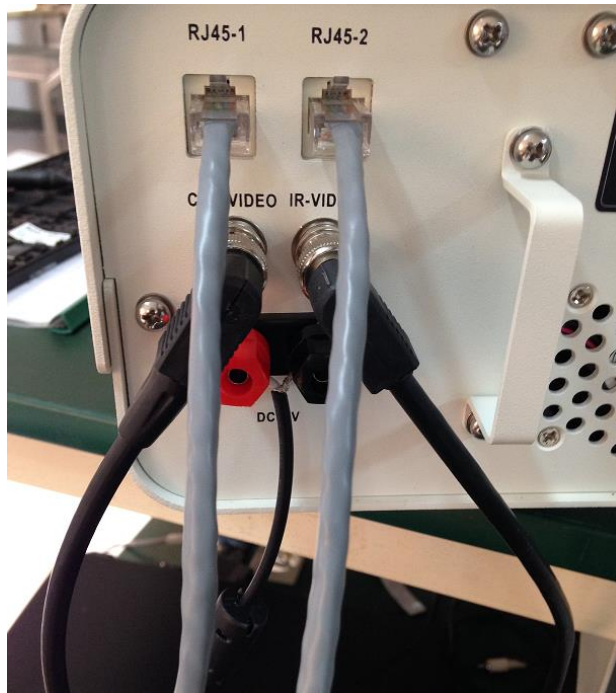
Num	Items	PCS	Mark
1	Housing	1	Built-in CCD and Thermal camera
2	Power adapter	1	AC110~240V to DC12V; Power of housing
3	Encode Card	1	PCI-EX1 standard
4	Video cable	1	DB15 male connector plug into encode card, another BNC head connect with Co-ax cable
5	Co-ax cable	2	Connect with video cable and housing
6	Ethernet cable	1	Connect with RJ45 interface of PC and "RJ45-1" interface of Housing
7	RJ45 to RS485 cable	1	Connect with RS485/RS232 converter and "RJ45-2" of housing
8	RS485/RS232 converter	1	

**Intellisystem Technologies S.r.l.**

Via Augusto Murri, 1 – 96100 Siracusa - Phone +39 (0)931-1756256 / +39 (0)2-87167549 - Mobile (+39) 335 1880035  
 em@il: info@intellisystem.it WEB: <http://www.intellisystem.it>

9	Black body	1	Standard Power input: 220V,50HZ
10	Power cable	1	Power for black body (220V)
11	CD	1	Encoder driver and client software

## Interface introduction of Housing

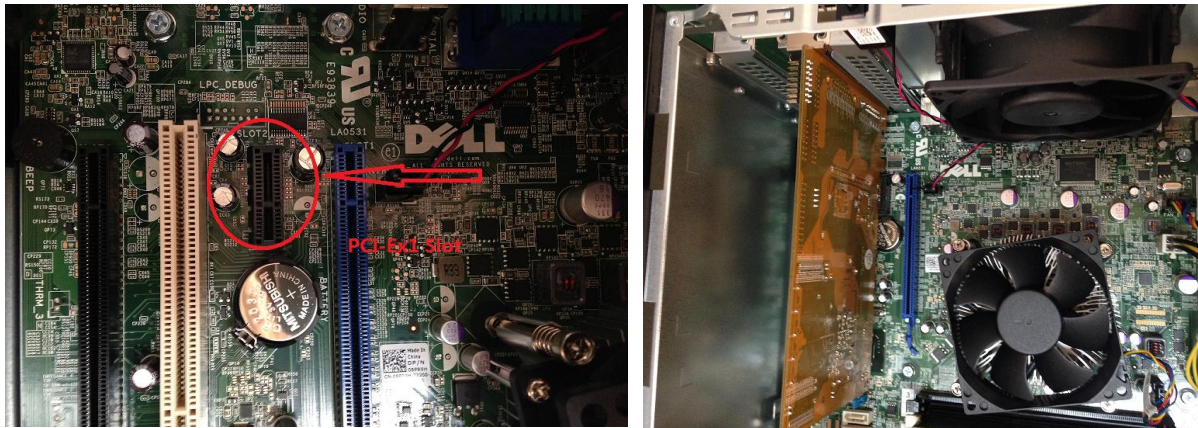


2

Num	Items	Mark	
1	RJ45-1	Connect with Ethernet cable	
2	RJ45-2	Connect with RJ45 to RS485 cable	
3	CCD-VIDEO	Connect with VID2 BNC of video cable via co-ax cable	
4	IR-VIDEO	Connect with VID1 BNC of video cable via co-ax cable	
5	DC12V+	Connect with power	
6	DC12V-	Connect with power	

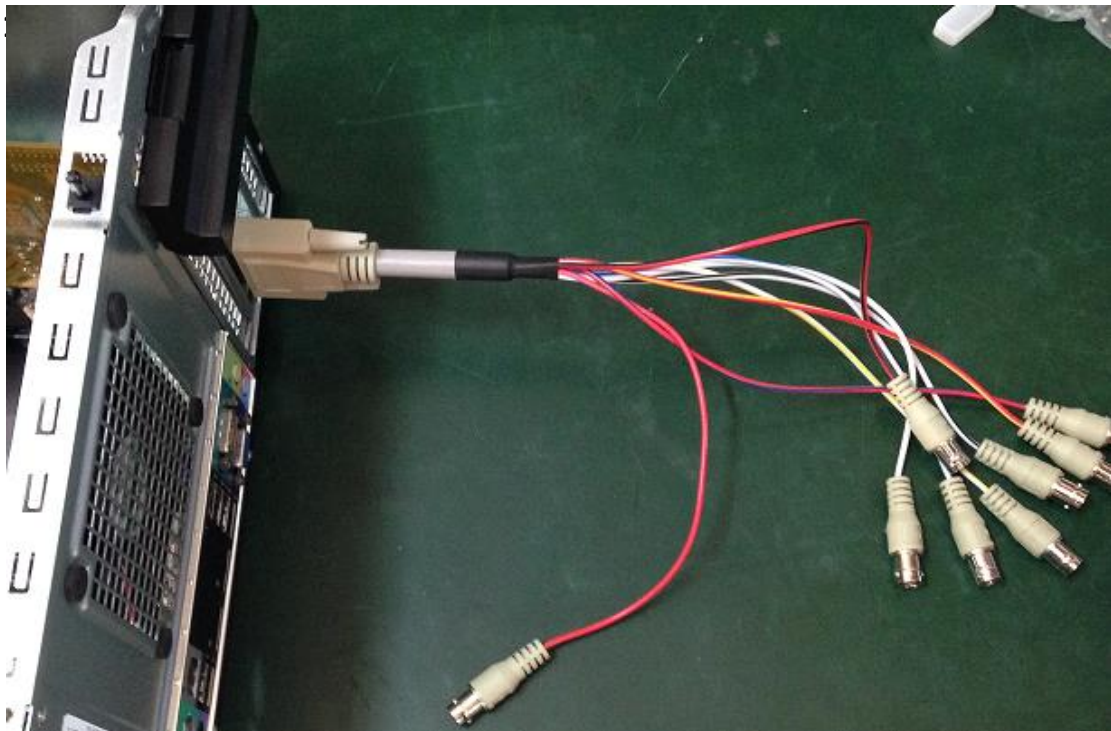
## Component Installation

1. Plug the encoder card into PCI-Ex1 slot on the motherboard of PC

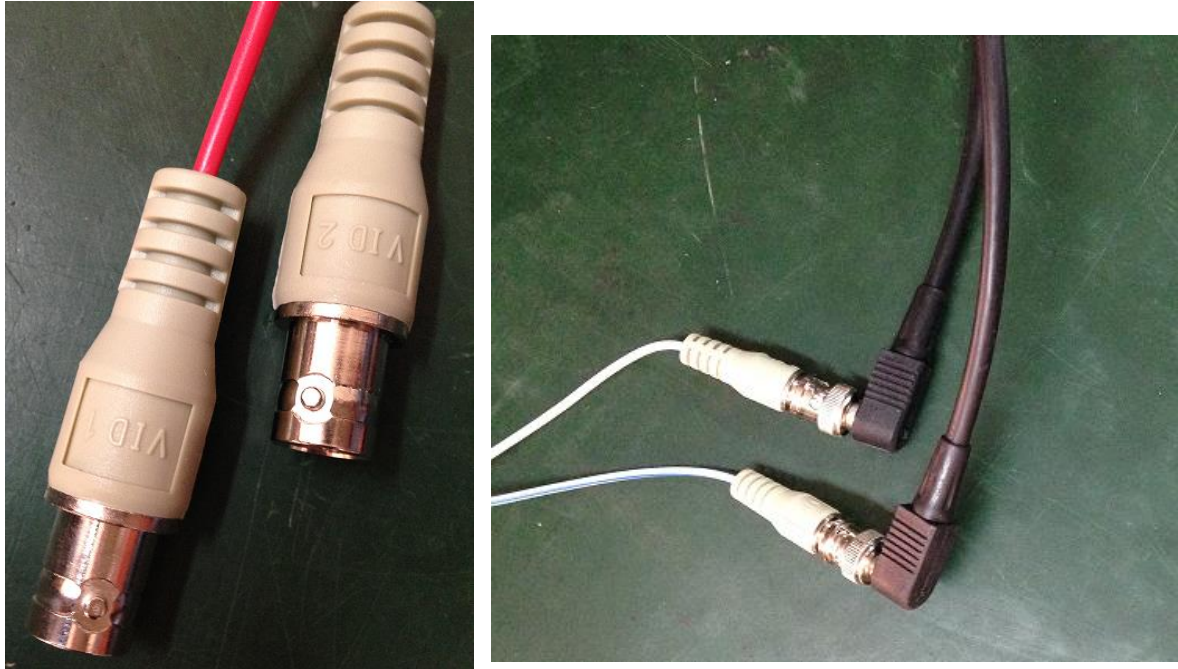


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2. Plug DB15 male connector of video cable into encoder card



3. Connect “VID1” BNC connector of video cable to “IR-VIDEO” on the rear of the housing via black co-ax cable. Connect “VID2” BNC connector of video cable to “CCD-VIDEO” on the rear of the housing via black co-ax cable.



4

4. Connect another head of co-ax cable with housing.

Note: “IR-VIDEO” of housing connect with” VID1” via co-ax cable

“CCD-VIDEO” of housing connect with” VID2” via co-ax cable



4. Plug RJ45 connector of the RJ45 to RS485 cable into RJ45-2 connector of the housing; connect RS485 cables with RS485/RS232 converter (brown cable connect with RS485- and brown & white cable connect with RS485+).



5



Connect RS485 cables with RS485/RS232 converter

5. Plug DB9 RS232 female connector of RS485/RS232 converter into RS232 interface of PC.



6

5. Connect with DC12V power, through the power cable into the hole of connector, and tighten the nut.

Note: The power cable with white insulating layer is DC12V+, the power cable without white insulating layer is DC12V-



6. Plug the power cable into the blackbody, turn it on (press red power switch). Press “SEL” button (SV light on), press “up” and “down” button to set the temp needed, press “SEL” again, blackbody will automatically adjust the temp to the preset temp. Default temperature is 40°C.



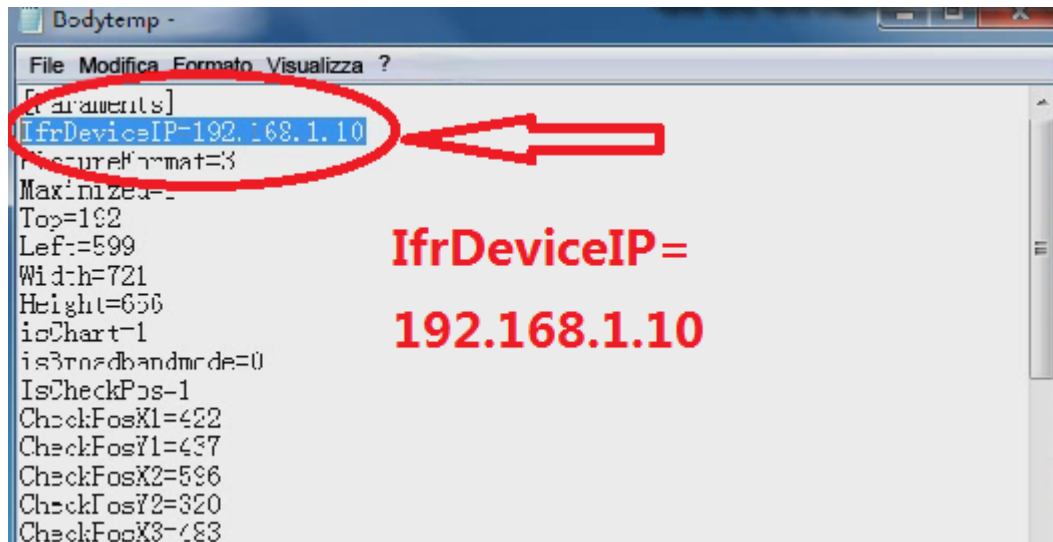
7

Note: PLS install the blackbody 5 meters away from the camera, and make sure human body or other objects couldn't cover blackbody, or will affect accuracy of temperature measurement.

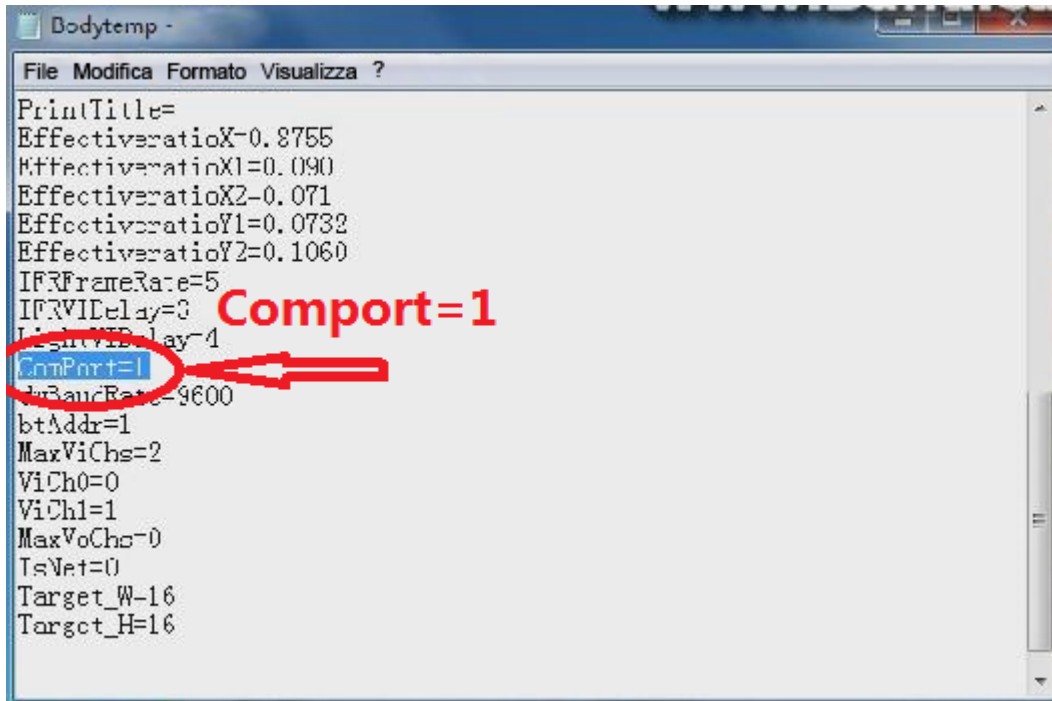
- 7 Power on the housing and the computer, and then install software.

## Software installation

1. Download encoder driver and client software on CD.
2. Access into "Encoder driver" folder, click "setup" icon, install encoder driver.
3. After driver installation finished, click button to install Intellisystem client software.
4. After client installation finished, go to installation directory of client software, click "Bodytemp" file to modify configuration.
5. in the configuration list, to make sure" IfrDeviceIP=192.168.1.10" and" ComPort=1", or the system may not work properly.







```
Bodytemp -
File Modifica Formato Visualizza ?
PrintTitle=
EffectiveratioX=0.8755
EffectiveratioX1=0.090
EffectiveratioX2=0.071
EffectiveratioY1=0.0732
EffectiveratioY2=0.1060
IFRFrameRate=5
IFRVIDelay=3
IFRVIDelay=4
ComPort=1
baudRate=9600
btAddr=1
MaxViChs=2
ViCh0=0
ViCh1=1
MaxVoChs=0
IsNet=0
Target_W=16
Target_H=16
```

6. To make sure IP address of PC is in the same local network with the camera, default IP address of the camera is "192.168.1.10", so IP address of PC should also "192.168.1.X", X is value from 1~255 (except 10).

7. About client operation, PLS refer to manual of TT-1060WMD-HBTMS system.