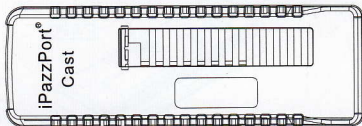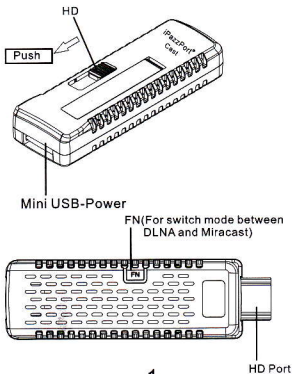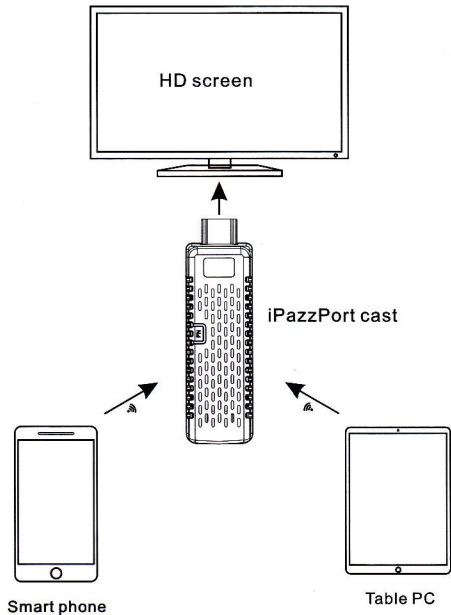# iPazzPort Cast

Model:NC-812-16C

User Manual

Introduction

Unisen iPazzPort Cast is a mini engine to turn your Home HD Screen become a All Media Sharing Center by Smart phone or tablet you already own.
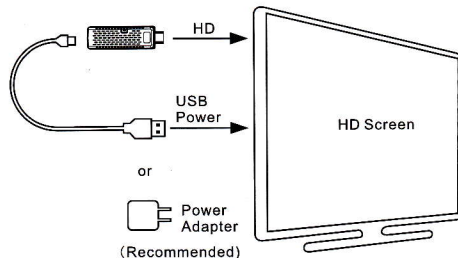
The iPazzPort Cast is so tiny, so portable, don't leave it at home. You need it for sharing your favourite Video or lovely photos with family and friends. Just plug in iPazzPort Cast to HD socket of the HD Screen set with at everywhere , family home, hotel room or business meeting room? Yes. You still need a local WiFi connection. iPazzPort Cast is a fully Compatible to Android and iOS operating system, Wi-Fi display technology, it supports DLNA, Airplay and Miracast Protocol which is enable to mirror or cast streaming video, pictures from your Smart phone or tablet onto HD Screen.

HD

Push

iPazzPort Cast

Mini USB-Power

FN(For switch mode between DLNA and Miracast)

FN

HD Port

1

iPazzPort cast

HD screen

iPazzPort cast

Smart phone

Table PC

Connect the power and start up the iPazzPort cast

HD

USB
Power

HD Screen

or

Power
Adapter
(Recommended)

1. Turn on the HD Screen and change the video input
   to HD port.
2. Plug the iPazzPort cast into the HD port of the HD
   Screen, if needed, please use a HD extension cable.
3. Connect one end of USB cable to the iPazzPort cast,
   and the other end to the USB port of HD Screen
4. Some HD Screens can not provide enough power
   through USB port
   so we need to use a 5V/1A adapter.

Foreword
This product is mini portable wireless design,before using,
please follow steps to confirm the Wi-Fi signal strength.
Place the "iPazzPort Cast" at the correct position,and get
the best using for it.
1.Test the signal strength of Wi-Fi Router.
1.1 Download "WiFi Analyzer" in App Store to your phone
    or tablet.
1.2 Place your phone or tablet at the position,where the
    "iPazzPort Cast" will be placed.
1.3 Run "WiFi Analyzer" to confirm the Wi-Fi Router signal
    strength is -60dB or above as show below. If the signal
    strength is low, please move the Wi-Fi router or
    iPazzPort Cast to match the best using.
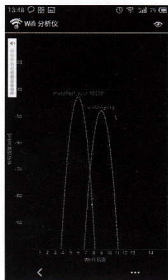
2.Test the receiving signal strength of iPazzPort Cast.
2.1 Download "WiFi Analyzer" in App Store to your phone
    or tablet.

2.2 Place the "iPazzPort Cast"at the correct position.
    Power it on, switch to DLNA method.
2.3 Take the phone or tablet away 4m from iPazzPort Cast.
2.4 Run "WiFi Analyzer"to confirm the receiving signal
    strength is -60dB or above,as show below.
2.5 If the signal is low, please move "iPazzPort Cast" or
    connect to HD extented cable.Please make sure to no
    block the Wi-Fi signal.
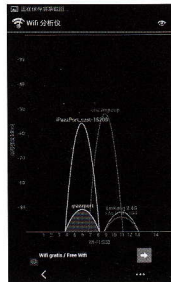
eg.HD screen is made by metal components.If the
   Wi-Fi router or moblie is at the front of the HD screen,
   while "iPazzPort Cast" plug at the back of the HD screen.
   At the moment,HD screen sites between "iPazzPort
   Cast" and "Wireless Router(or cell phone)",which will
   affect the "iPazzPort Cast" receiving signal from
   wireless router or cell phone.

Before connecting the iPazzPort Cast to phone, please
exit the Apps run at the background and reconnect Wi-Fi

iOS

1.Close All Apps run on
background

2.Forget the Network
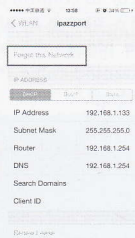
3.Choose the WiFi router
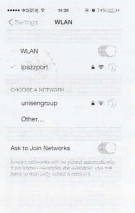
6.Getting IP address

5.Connected successfully

4.Enter Password

Android

1.Close All Apps run on
background

2.Forget the Network

3.Choose the WiFi router

6.Getting IP address
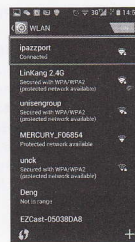
5.Connected successfully
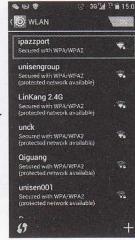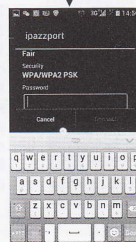
4.Enter Password

DLNA Method

The device's App must support DLNA or Airplay

Suggestion
1. Playing the video in DLNA method;
2. Browsing the web and viewing pictures in Miracast method;
3. Playing games, the transfer data is large, it is for testing.
4. Because smart phone/tablet devices's compatibility is inconsistent, not all devices have the best experience in Miracast Method, so please test DLNA, Miracast and installing iMediaShare separately to get the best using method. In Miracast Method, if failed to get the best experience, please fix to operate iPazzPort Cast in DLNA Method.

1. Connect WiFi

The iPazzPort cast screen

Device Name:	iPazzPort_cast-88896
Status:	Disconnected from AP
Mode:	DLNA(iOS devices compatible)
Local IP0:	192.168.49.1
AP SSID:	
Local IP1:	

Open Wi-Fi and connect to 'iPazzPort_cast-88896' (password: 12345678).
And then open web browser on your device and visit:
http://192.168.49.1/index.html
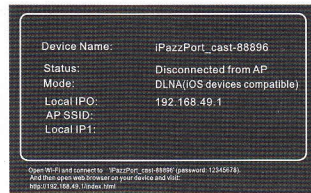
Phone screen

1. Go to settings, displays iPazzPort_cast_88896

2. Enter password "12345678" Press "connect"

3. Connected Successfully

The iPazzPort cast screen ←

Device Name: iPazzPort_cast-88896
Status: Disconnected from AP
Mode: DLNA(iOS devices compatible)
Local IP0:   192.168.49.1
AP SSID:
Local IP1:

Open Wi-Fi and connect to "iPazzPort_cast-88896" (password: 12345678).
And then open web browser on your device and visit:
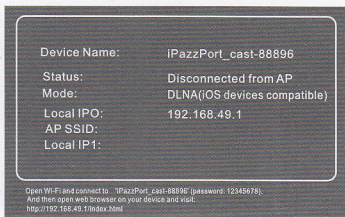http://192.168.49.1/index.html

Phone screen ←

Scan Results:

***** ipazzport
***   LinKang 2.4G
***   unisenVPN

4. Open the mobile browser
   input "192.168.49.1 "

5. Click " 🛜"

6. Choose the WiFi router

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The iPazzPort cast screen ←

Device Name: iPazzPort_cast-88896
Status: Disconnected from AP
Mode: DLNA(iOS devices compatible)
Local IP0:   192.168.49.1
AP SSID:
Local IP1:

Open Wi-Fi and connect to "iPazzPort_cast-88896" (password: 12345678).
And then open web browser on your device and visit:
http://192.168.49.1/index.html

Phone screen ←

BSSID:
1cfa:68:fe:63:3f

Frequency:
2457Mhz

Security:
[WPA-PSK-TKIP+CCMP][WPA2-PSK-TKIP+CCMP][ESS]

Password:

Connect

7. Input password---Click connect

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8. (1) Connected successful,cast your photo or video
immediately.
   (2) Returns the phone to the setting interface
window,change the Wi-Fi connection from
"iPazzPort Cast" to "Wi-Fi router".
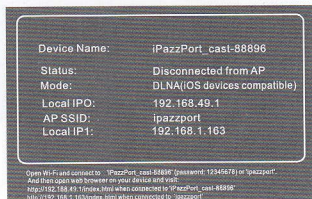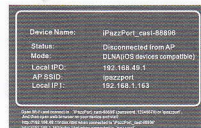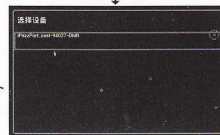(It is optional for the two ways)

The iPazzPort
cast screen ⟵

Device Name:	iPazzPort_cast-88896
Status:	Disconnected from AP
Mode:	DLNA(iOS devices compatible)
Local IPO:	192.168.49.1
AP SSID:	ipazzport
Local IP1:	192.168.1.163

Open Wi-Fi and connect to 'iPazzPort_cast-88896' (password: 12345678) or 'ipazzport'.
And then open web browser on your device and visit:
http://192.168.49.1/index.html when connected to 'iPazzPort_cast-88896'
http://192.168.1.163/index.html when connected to 'ipazzport'

Phone ⟵
screen

9. Video playing

The iPazzPort
cast screen ⟵

Device Name:	iPazzPort_cast-88896
Status:	Disconnected from AP
Mode:	DLNA(iOS devices compatible)
Local IPO:	192.168.49.1
AP SSID:	ipazzport
Local IP1:	192.168.1.163

Open Wi-Fi and connect to 'iPazzPort_cast-88896' (password: 12345678) or 'ipazzport'.
And then open web browser on your device and visit:
http://192.168.49.1/index.html when connected to 'iPazzPort_cast-88896'
http://192.168.1.163/index.html when connected to 'ipazzport'

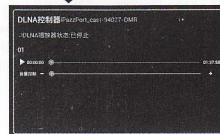Touch the DLNA logo

Phone
screen

Touch iPazzPort_cast-94027-(DMR) must be

12   13

DLNA method with iMediaShare

Download and install iMediaShare
from google play on smart phone
(Supports under 4.2 Android system)

Suggestion
1. Playing the video in DLNA method;
2. Browsing the web and viewing pictures in Miracast method;
3. Playing games,the transfer data is large,it is for testing.
4. Because smart phone/tablet devices's compatibility is inconsistent, not all devices have the best experience in Miracast Method, so please test DLNA, Miracast and installing iMediaShare separately to get the best using method. In Miracast Method, if failed to get the best experience, please fix to operate iPazzPort Cast in DLNA Method.

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Click"iMediaShare"

Photos

Videos

Music

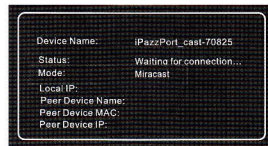Note: Playing the photos/videos/music must choose DMR method.

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Miracast Method

The device must be Android 4.2 above system or integrated with the feature, Same as Wi-Fi display. e.g allshare cast on Samsung mobile phone
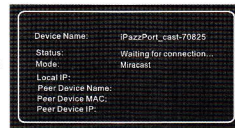
Suggestion
1. Playing the video in DLNA method;
2. Browsing the web and viewing pictures in Miracast method;
3. Playing games, the transfer data is large, it is for testing.
4. Because smart phone/tablet devices's compatibility is inconsistent, not all devices have the best experience in Miracast Method, so please test DLNA, Miracast and installing iMediaShare separately to get the best using method. In Miracast Method, if failed to get the best experience, please fix to operate iPazzPort Cast in DLNA Method.

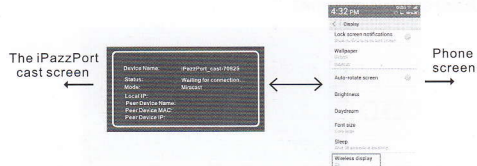1. Press "Fn" switch to "Miracast" mode. (Android 4.2 system)

Device Name:	iPazzPort_cast-70825
Status:	Waiting for connection...
Mode:	Miracast
Local IP:	
Peer Device Name:	
Peer Device MAC:	
Peer Device IP:	

The iPazzPort cast screen

Device Name:	iPazzPort_cast-70825
Status:	Waiting for connection...
Mode:	Miracast
Local IP:	
Peer Device Name:	
Peer Device MAC:	
Peer Device IP:	

4:32 PM

Settings

SIM management

WLAN

Bluetooth

Data usage

More...

Audio profiles

Display

Storage

Battery

Apps

Phone screen

2. Select "settings" on mobile, Touch "display"

3.Open"Wireless display",connect"iPazzPort_cast_70825"

The iPazzPort cast screen
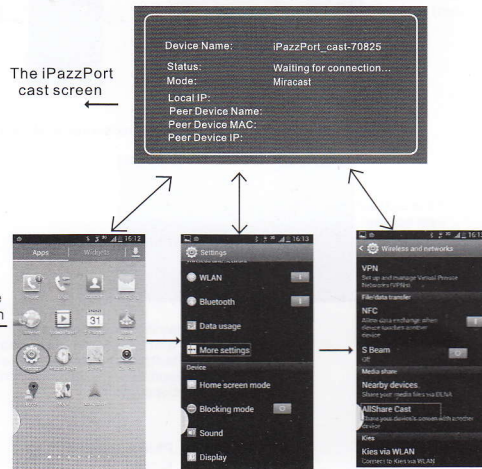
Phone screen

4.Connected successfully,sync to phone screen to HD screen

The iPazzPort cast screen

Must see the same screen both phone and HD screen, then press Home button to operate it. Otherwise, will disconnect it and can't get the correct operation .
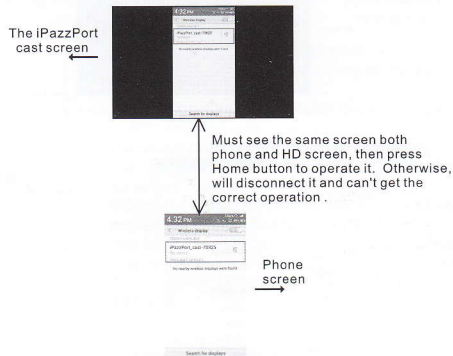
Phone screen

Android 4.1system,for example Samsung mobile phones
1.Press "Fn" switch to "Miracast" mode.

The iPazzPort cast screen

Phone screen

2.Enter "Settings" ,Touch "More settings", next"AllShare Cast"

3.Open"AllShare Cast",connect"iPazzPort_cast_70825"

The iPazzPort
cast screen ⟵

Device Name:	iPazzPort_cast-70825
Status:	Waiting for connection...
Mode:	Miracast
Local IP:	
Peer Device Name:	
Peer Device MAC:	
Peer Device IP:	

⟷

Phone
screen ⟶

4.Connected successfully,sync to phone screen to HD screen

The iPazzPort
cast screen ⟵

⟵⟶

Must see the same screen both
phone and HD screen, then press
Home button to operate it. Otherwise,
will disconnect it and can't get the
correct operation .

Phone
screen ⟶