

QUICK START GUIDE

DTX1000-T, DTX1000-R, DTX1002-T, DTX1002-R

INVISAPC DTX1000/2

24/7 TECHNICAL SUPPORT AT 877.877.2269 OR VISIT BLACKBOX.COM



STEP 1A - DTX1000-T Option Transmitter Diagrams



STEP 1B - DTX1000-T Option Transmitter Components

TABLE 1. DTX1000-T COMPONENTS

NUMBER IN DIAGRAM AT LEFT	DESCRIPTION	DESCRIPTION
1	Power LED	LED indicates power status
2	5 VDC Power In connector	Connect to supplied power adapter
3	USB Type B connector	Connect to PC/workstation USB connector
4	RJ-45 connector	Connect to LAN
5	DVI Video connector	Connect to PC Video



STEP 2A - DTX1000-R Option Receiver Diagrams



STEP 2B - DTX1000-R Option Receiver Components

TABLE 2. DTX1000-R COMPONENTS

NUMBER IN DIAGRAM AT LEFT	DESCRIPTION	DESCRIPTION
1	On/Off button	Powers on and off unit. LED indicates power status.
2, 3	(2) USB Type A connectors	Connect to USB peripherals
4	Microphone	3.5-mm jack for microphone
5	Speakers	3.5-mm jack for audio output
6	5 VDC Power In connector	Connect to supplied power adapter
7	(2) USB Type A connectors	Connect to USB peripherals
8	RJ-45 port	Connect to network
9	DVI Video connector	Connect to monitor



STEP 1A - DTX1002-T Option Transmitter Diagrams



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STEP 1B - DTX1002-T Option Transmitter Components

TABLE 3. DTX1002-T COMPONENTS

NUMBER IN DIAGRAM AT LEFT	DESCRIPTION	DESCRIPTION
1	Power LED	LED indicates power status
2	5 VDC Power In connector	Connect to supplied power adapter
3	USB Type B connector	Connect to PC/workstation USB connector
4	RJ-45 connector	Connect to LAN
5, 6	(2) DVI Video connectors	Connect to PC Video



STEP 2A - DTX1002-R Option Receiver Diagrams



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STEP 2B - DTX1002-R Option Receiver Components

TABLE 4. DTX1002-R COMPONENTS

NUMBER IN DIAGRAM AT LEFT	DESCRIPTION	DESCRIPTION
1	On/Off button	Powers on and off unit. LED indicates power status.
2, 3	(2) USB Type A connectors	Connect to USB peripherals
4	Microphone	Future use – not active
5	Speakers	Future use – not active
6	5 VDC Power In connector	Connect to supplied power adapter
7	(2) USB Type A connectors	Connect to USB peripherals
8	RJ-45 port	Connect to network
9, 10	(2) DVI Video connectors	Connect to monitor



STEP 3 - Connect Power

CONNECT POWER TO TRANSMITTER

1. Locate the power supply adapter and the AC line cord.
2. Plug the DC connector of the power supply into the matching socket on the rear of the transmitter.
3. Attach the AC line cord to the power supply adapter.

CONNECT POWER TO RECEIVER

1. Locate the power supply adapter and the AC line cord.
2. Plug the DC connector of the power supply into the matching socket on the rear of the receiver.
3. Attach the AC line cord to the power supply adapter.

STEP 4 - Connect the Peripherals

CONNECT THE TRANSMITTER

1. Attach the InvisaPC Transmitter to the target PC/workstation using DVI and USB Type B cables.
2. Connect to the LAN using standard CAT5 UTP cables between the RJ-45 connector and the local network connection.

NOTE: The InvisaPC works best with a 1 Gigabit connection.

CONNECT THE RECEIVER

1. Attach the monitor, keyboard, mouse, USB and audio devices to the InvisaPC Receiver.
2. Connect to the LAN using standard CAT5 UTP cables between the RJ-45 connector and the local network connection.

NOTE: The InvisaPC works best with a 1 Gigabit connection.



STEP 5 - Starting Up and Default Settings

STARTING UP

1. Once everything is connected, press the Power button on the front of the InvisaPC Receiver.
2. The Graphical User Interface (GUI) will appear on the screen.
3. Enter the default administrator user name and password.

User name: admin

Password: blank (just press the Enter key)

4. The default network setting for the InvisaPC Receiver uses a preconfigured static IP address.
5. If you require the unit to be set to use DHCP, select the Control tab on the GUI and then choose the Network option. Select the DHCP option and click Apply.

DEFAULT SETTINGS

Default Settings:

Transmitter IP Address: 192.168.1.22

Receiver IP Address: 192.168.1.21

Type: Static

Subnet Mask: 255.255.255.0

Default Gateway: 0.0.0.0

Admin username: admin

Admin password: no password, it is blank by default

Ports Used: 3389

IMPORTANT: Do not lose the admin password once configured; there is no way to reset or retrieve it. The InvisaPC receiver has the option to create a second administrator account as a secondary entrance.



STEP 6 - Point-to-Point Installation

POINT-TO-POINT INSTALLATION

In a point-to-point configuration, no administrator setup of the InvisaPC Transmitter or the InvisaPC receiver is required. This enables you to install the system quickly, directly out of the box. In the point-to-point configuration, you can install only one transmitter and receiver pair on a subnet and both must be on the same subnet unless a router is present in the network to span subnets. To span across different subnets, you will need to have admin rights to both routers on either side of the installation and setup port forwarding for port "3389" for Remote Desktop.

If further configuration is required to change the default IP addresses, you can access the transmitter's network settings through the remote unit:

1. Simply connect the transmitter to the receiver using a CATx cable (but do not power up the transmitter yet), then connect a keyboard, monitor, and mouse to the remote unit (remote unit is on at this time).
2. Login as "admin" and go to (Control)>> (Transmitter)>> (Discover) and follow the on-screen steps.
3. It will advise you to connect both devices together and then power up the transmitter and press the "Next" button.
4. It will take several minutes to discover the transmitter, but once found, you can modify the network parameters.



STEP 7 - Matrix Installation and Getting Started

MATRIX INSTALLATION

In a matrix installation, every InvisaPC transmitter and receiver requires its own IP address. By default, the DHCP setting is set to static, so the addresses will need to be configured manually:

1. Always configure the transmitter first by connecting the transmitter to the receiver using a CATx cable (but do not power up the transmitter yet), then connect a keyboard, monitor, and mouse to the remote unit (remote unit is on at this time).
2. Login as "admin" on the remote unit and go to (Control)>> (Transmitter)>> (Discover) and follow the on-screen steps.
3. It will advise you to connect both devices together, and then power up the transmitter and press the "Next" button.
4. It will take several minutes to discover the transmitter, but once found, you can modify the network parameters.

5. Once the transmitter is configured, you can now configure the receiver.

6. If the units are on different subnets, then routers will need to be used to properly direct traffic.

GETTING STARTED

Once the IP addresses have been configured, each receiver will need to be configured for users, user passwords, user access rights and default video resolutions. You can access these settings from the receiver's OSD (reboot the receiver and login as admin) and begin configuring these parameters.

NOTE: Each receiver can support a maximum of 32 users and a maximum of 32 targets (virtualized or transmitter).



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