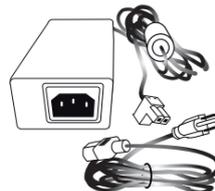


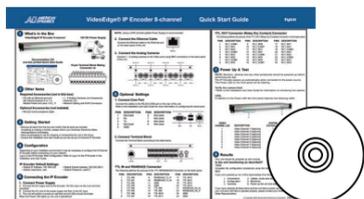
## 1 What's in the Box

IP Encoder 8-channel

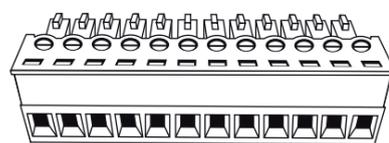
12V DC Power Supply



Documentation CD  
and this printed Quick Start Guide



12-pin Terminal Block Mating Connector x4



## 2 Other Items

### Required Accessories (not in this box)

- PC with an Ethernet port and MS Internet Explorer 6 and later or Mozilla Firefox and Java 1.6.0\_20
- 1 - 8 Analog Cameras and Accessories
- Ethernet Link
- Network Cabling and RJ45 Connectors

### Optional Accessories (not included)

- RS-232 Communications Cable

## 3 Getting Started

- Remove all items from the box and confirm that all parts are included. If anything is missing or broken, please inform your American Dynamics Sales Representative immediately.
- Save all packaging to use for shipping or transporting the unit in the future.
- Consult the Installation and User Guide as you set up your 8-Channel IP Encoder.

## 4 Configuration

Depending on your installation environment it may be necessary to configure the 8-Channel IP Encoder before connecting it to your network. Log in to the IP Encoder Web Configuration: Refer to Log in to the IP Encoder in the Installation and User Guide.

### IP Encoder Default Settings:

- Default IP Address: 192.168.0.62
- Default Subnet Address: 255.255.0.0
- Default Username: user
- Default Password: user617

## 5 Connecting the IP Encoder

### 1. Connect Power Supply

- Connect the DC output cord to the Encoder 12V DC input via the 2 pin terminal connector.
- Connect the AC cord to the power supply and then to the AC input.
- The unit will perform a power-on self-test and all LEDs should illuminate. When the Power LED lights up, the unit is operational.

**NOTE:** Using a UPS (Uninterruptible Power Supply) is recommended

### 2. Connect the Ethernet Cable

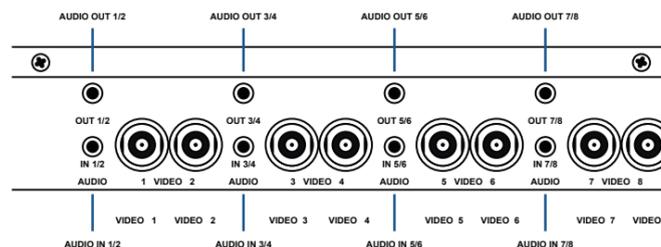
Connect the Ethernet cable to the Ethernet port on the back panel of the unit.



Ethernet

### 3. Connect the Analog Cameras

Connect 1 - 8 analog cameras to the Video ports using BNC connectors on the back panel of the unit.

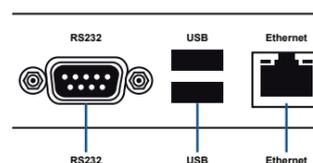


## 6 Optional Settings

### 1. Connect Com Port

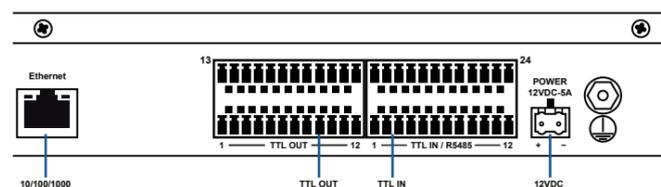
Connect the cables to the RS-232 COM port on the rear of the unit. Refer to the Installation and User Guide for more information on configuring the serial ports.

PINS	DESCRIPTION	PINS	DESCRIPTION
1	Not Used	6	Not Used
2	Rx	7	Not Used
3	Tx	8	Not Used
4	Not Used	9	Not Used
5	GND		



### 2. Connect Terminal Block

Connect the Terminal Block according to the table below.



### TTL IN and RS485/422 Connector

The following defines the pinouts of the TTL IN/RS485/422 Connector on the back panel.

PINS	DESCRIPTION	PINS	DESCRIPTION	PINS	DESCRIPTION
1	TTL IN0	9	RS485/422_Tx_P	17	TTL IN12
2	TTL IN1	10	RS485/422_Tx_N	18	TTL IN13
3	TTL IN2	11	GND	19	TTL IN14
4	TTL IN3	12	GND	20	TTL IN15
5	TTL IN4	13	TTL IN8	21	RS485/422_Rx_P
6	TTL IN5	14	TTL IN9	22	RS485/422_Rx_N
7	TTL IN6	15	TTL IN10	23	GND
8	TTL IN7	16	TTL IN11	24	GND

### TTL OUT Connector (Relay Dry Contact) Connector

The following defines the pinouts of the TTL OUT (Relay Dry Contacts) Connector on the back panel.

PINS	DESCRIPTION	PINS	DESCRIPTION	PINS	DESCRIPTION
1	RLY_COM4	9	RLY_NO6	17	RLY_NC1
2	RLY_NC4	10	RLY_COM7	18	RLY_NO1
3	RLY_NO4	11	RLY_NC7	19	RLY_COM2
4	RLY_COM5	12	RLY_NO7	20	RLY_NC2
5	RLY_NC5	13	RLY_COM0	21	RLY_NO2
6	RLY_NO5	14	RLY_NC0	22	RLY_COM3
7	RLY_COM6	15	RLY_NO0	23	RLY_NC3
8	RLY_NC6	16	RLY_COM1	24	RLY_NO3

## 7 Power Up & Test

**NOTE:** Monitors, cameras and any other peripherals should be powered up before performing the test.

The IP Encoder powers up automatically when connected to the power source. The Power LED on the front panel will be flashing.

### Verify live camera feed:

- Refer to the Installation and User Guide for information on monitoring live camera.

### LEDs

In addition to the Power LED the front panel features the following LEDs



VIDEO CHANNEL LED	DESCRIPTION	SYSTEM STATUS LED	DESCRIPTION
1	Video Channel 1 Capturing	1	Application On
2	Video Channel 2 Capturing	2	Not Used
3	Video Channel 3 Capturing	3	Not Used
4	Video Channel 4 Capturing	4	Streaming On
5	Video Channel 5 Capturing	5	Not Used
6	Video Channel 6 Capturing	6	Not Used
7	Video Channel 7 Capturing		
8	Video Channel 8 Capturing		

## 8 Results

Your unit should be powered up and running.  
**Is the unit functioning as described?**  
YES!

Complete the configuration procedures using the Installation and User Guide.

NO!

If your unit is powered up, turn it off by disconnecting it from the power source. Then check the following.

- Connections
- Configuration
- Cameras
- Cables, cords and other connectors
- Monitor(s)
- Power up the unit and watch for the Power LED.

If you have checked all these items and the unit fails to power up, or you have repowered your unit and it still fails to operate properly, please contact your American Dynamics Sales Representative.