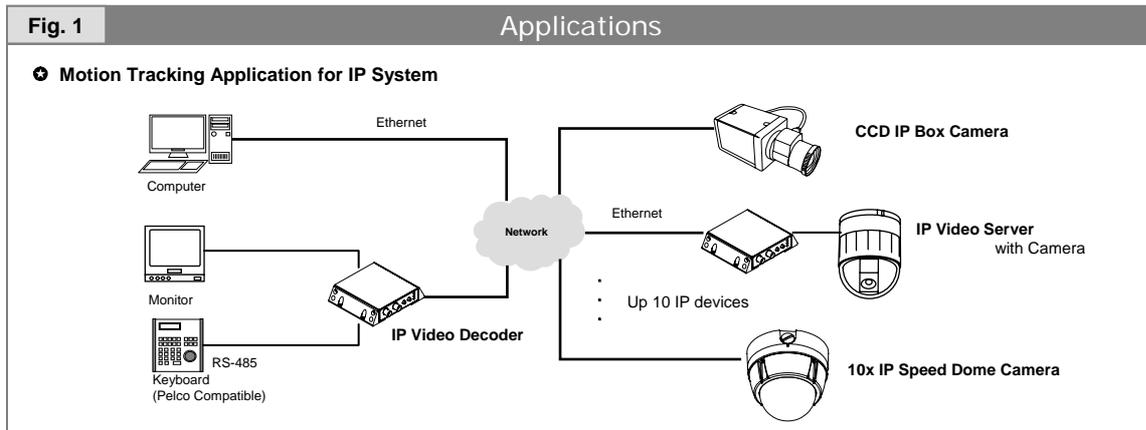


Typical block diagram of applications of IP Video Decoder;



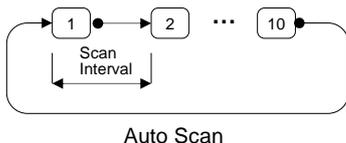
Connection

• Setting up IP Devices Connections

1. Connect all cables to IP Video Decoder appropriately. Refer to the figure 4 in the next page.
[Power Jack (**DC 12V 400mA**), RJ45 (**Ethernet**), BNC (**Video Out**), Terminal Block (**Keyboard RS-485**)
2. Run IP Video Decoder Admin Tool by typing IP address in address box in your web-browser. (Default IP: 192.168.1.81)
3. Log in Admin page. (Default ID: admin Default pass: admin)
4. Click the **Connection List** menu
6. Click the **Server Search** button (**A**) to search available IP devices in the LAN. The search result will be listed in **Search Result** list box in the right hand side.
7. Select one device (**B**) in the **Search Result** list. Then you will see the detail data of selected device.
8. After filling in the **User ID** (**C**) and **Password** (**D**) of selected device (Default is all admin.), press the add button (**E**).
The selected item will be displayed in the **Server List** in left hand side.
9. If you want to watch the selected device, check **Connect to Server** check box (**F**) and press **Update** button (**G**).
If connection is successful, you see the 'O' character instead of 'X' in the **Connect** column in the **Server List**.
11. Repeat the steps from 7 to 9 as many as you like to add IP devices. (Up to 10 devices)
10. If you have more than one device connected, select the channel number in the Single view (**H**).
Then press the **Apply** button (**K**) in the bottom. IP Video Decoder will reboot and show the video of selected channel.

If you have more than one devices, you can use **Auto Scan** function to watch them sequentially.

To start, Auto Scan, enable the Auto Scan check box (**I**) and choose the **Scan interval** (**J**) between channel switching. Then press the **Apply** (**K**).



NO	Nick Name	Connect	Device Name	IP Address
1	MotionTracker	O	GateCamera1	192.168.1.52
2	GateCamera1	O	MOTIONTRACKER	192.168.1.54
3	CRN	X		

Alarm Sensor

- Counteraction on Alarm Sensor Input/Motion detection/Tracking

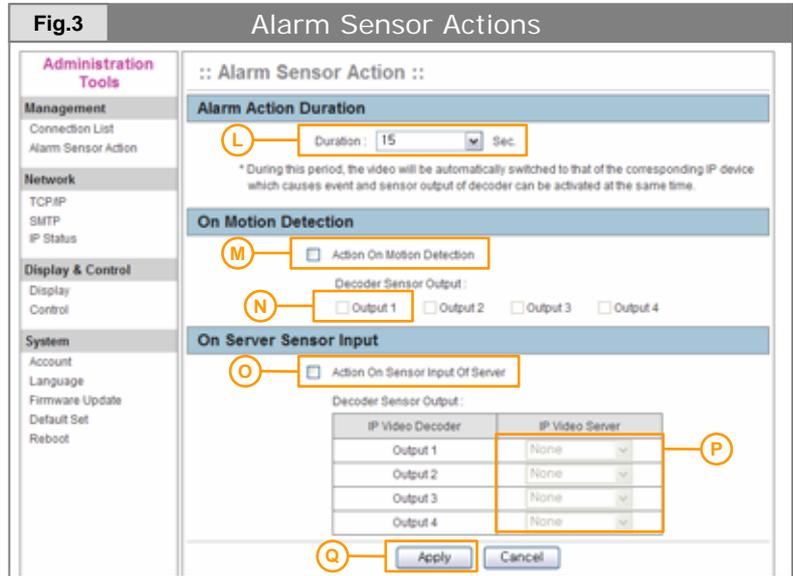
1. Click the **Alarm Sensor Action** menu
2. In the Alarm action Duration **(L)** item, select a duration from the list from 5 to 30 sec.

↳ If an IP device connected has event such as Alarm sensor Input/Motion Detection/Tracking, the video display will be switched automatically to that of the corresponding device. Also, if you check the check box **(M)** or **(O)**, the sensor output of decoder can be activated to notice the operator. The duration means how long this counteraction maintained.

3. If you check the check box **(M)** and select an Output in **(N)**, the selected sensor output of decoder will be turned on when Motion Detection or Tracking is detected in any devices connected.

4. If you check the check box **(O)** and select an Output in **(P)**, the selected sensor output of decoder will be turned on when sensor input in selected device is detected.

↳ Built in Sensor output in decoder is only 1. If you want to control 4 output, you need optional external IO box.



Keyboard

- How to control IP Video Decoder decoder using Keyboard.

1. After connecting the keyboard, run an appropriate preset number as shown in Table 1. Since **Auto Scan ON/OFF** requires rebooting of IP Video Decoder, you should wait for 10 seconds.
2. Currently, IP Video Decoder support only Pelco-D compatible keyboard. For different settings of RS-485, open the Control menu and change the settings accordingly,

Table 1 Keyboard Commands		
Functions		Preset Number
	Channel Select	101 ~ 110 Run
	Next Channel	121 Run
	Previous Channel	120 Run
	Auto Scan ON	122 Run
	Auto Scan OFF	123 Run

