

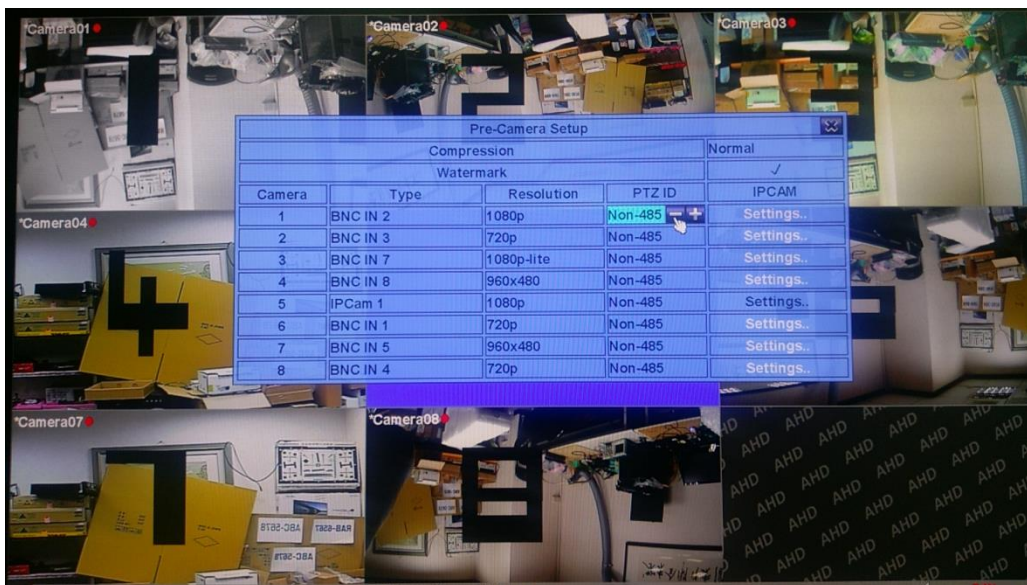
UTC Instruction Guide

One of the advanced features of AHD/TVI cameras is UTC (“Up-The-Coax” Control). It means users can remotely set the OSD (On screen display) menu or control PTZ for analog security cameras without additional RS-485 cable. UTC provides easy installation at field sites to reduce the cabling and installing cost and supports efficient management of Full-HD video surveillance system.

Before applying the UTC function, please make sure your cameras support UTC. Normally the AHD/TVI 1080p OSD cameras all support UTC function.

A. Apply the UTC OSD function for non-PTZ cameras by using a Mouse:

1. Please go to **Menu>Setup>Pre-Camera Setup** and select the PTZ ID as **“Non-485”**



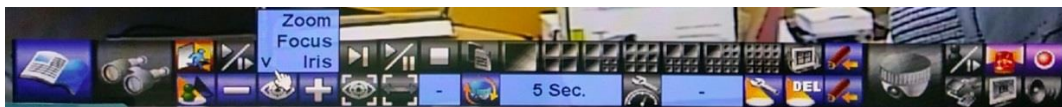
2. On main display, move the mouse to the bottom to call up the sub-menu as shown.




3. Click on the  (PTZ) icon.





4. Click on the  (Zoom/Focus/Iris) icon and select **Iris**.



5. Click on the  icon to call up the OSD Menu of the camera as shown below.



- Left click on the upper/lower center corner of the video to scroll **Up/Down** the selected item.
- Left click on the left/right center corner of the video to **change the value** of the selected item.
- Click on the  icon as **Enter**.
- Go to Exit when all settings are done to close the OSD Menu of the camera.

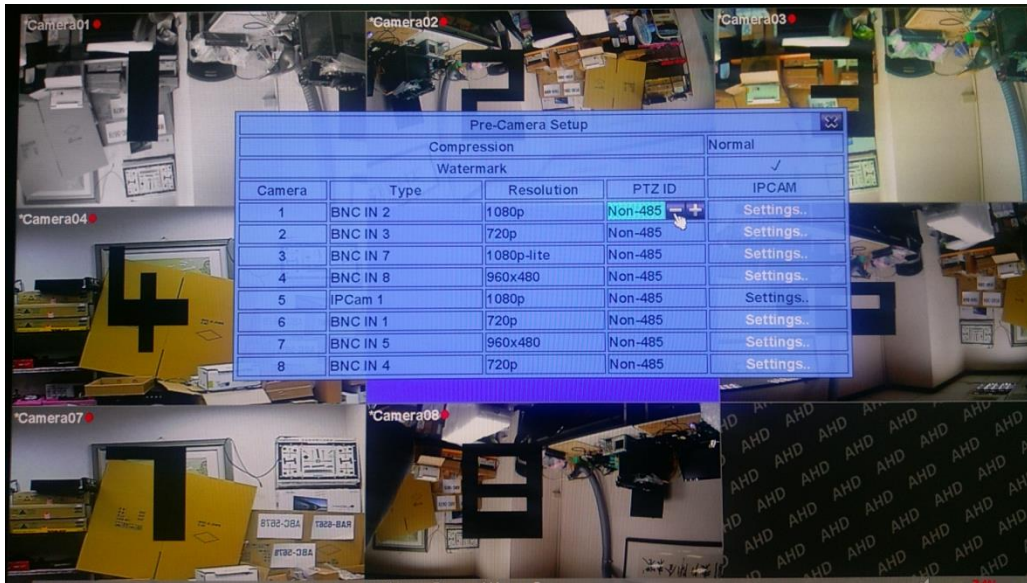
6. Click on the  (**ESC**) icon to finish the UTC operation.

B. Apply the UTC OSD function for non-PTZ cameras by using a Remote Controller:

- Please go to **Menu>Setup>Pre-Camera Setup** and select the PTZ ID as **"Non-485"**
- On main display, press **"PTZ"** button.
- Press **"Mute/Next"** button.
- Press **"+"** to call up the OSD Menu of the camera.
- Press **"△▽"** button to scroll **Up/Down** the selected item.
- Press **"<▷"** button to **change the value** of the selected item.
- Press **"+"** as **Enter**.


C. UTC function for IP, AHD or TVI PTZ Camera control (Before applying the UTC function, please make sure the IP-Cam is an IP PTZ camera and is ONVIF compliant. AHD DVR supports PELCO protocol for 960H/D1 camera, and Nextchip's A-CP protocol for AHD camera.)

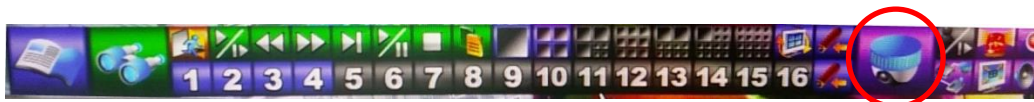
1. Please go to Menu>Setup>Pre-Camera Setup and select the PTZ ID as "Non-485"



2. On main display, move the mouse to the bottom to call up the sub-menu as shown.



3. Click on the  (PTZ) icon.



4. The rest of the operation is same as PTZ control for Zoom, Focus, IRIS, etc. Please refer to [Sec. 7 PTZ Control](#) in the user's manual for the details.

