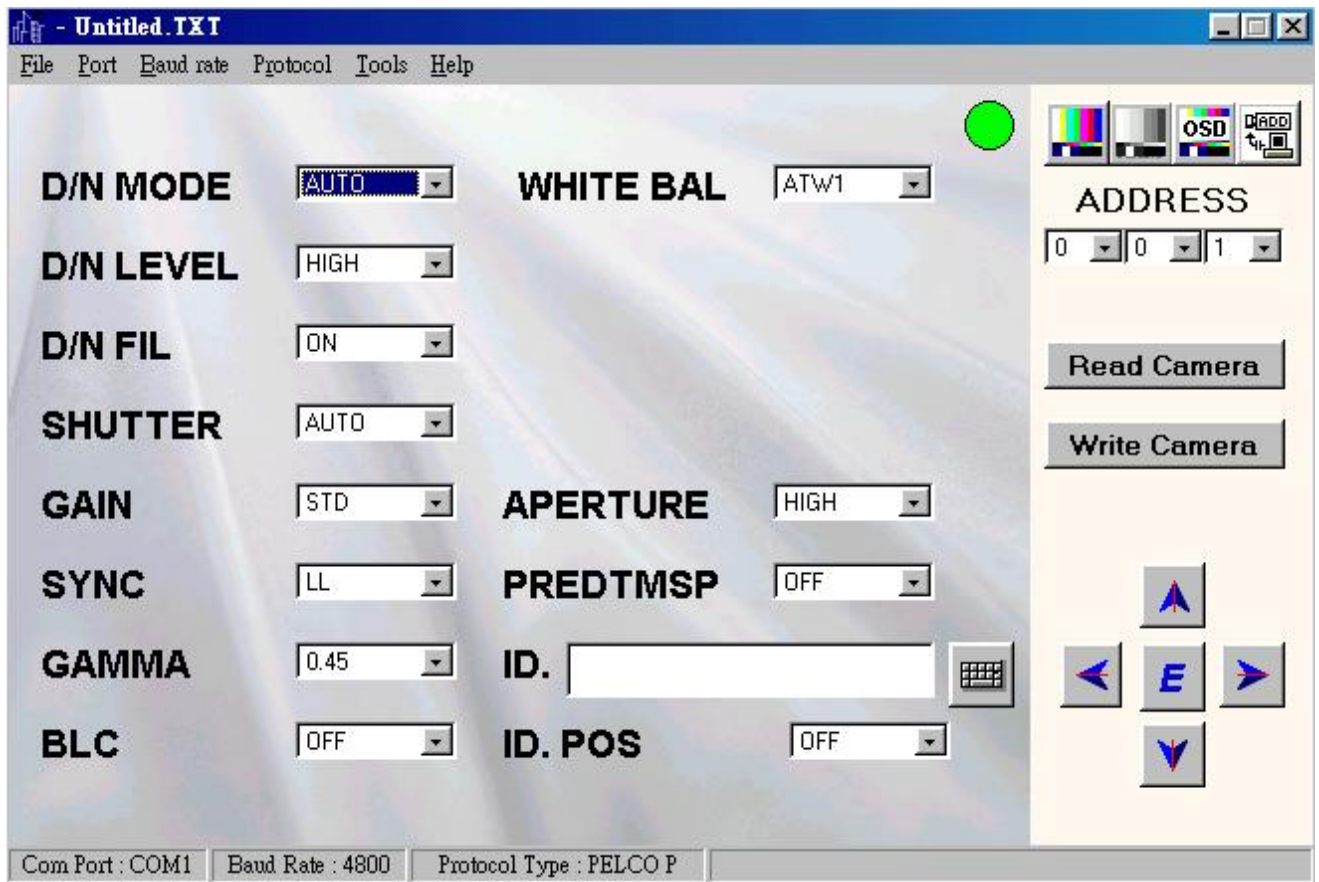


# User Manual of PCVRM



## Minimum System Requirements

1. PC with Pentium, Pentium-II or compatible processor.
2. Windows 98, Windows ME, Windows 2000, Windows XP.
3. 32 MB RAM minimum.
4. 5MB free disk space.

## Key in password for into the PCVRM

While you're executing the software of PCVRM at the first time, new password is required at dialogue (See Fig 1). After you set up a password, it will present password dialogue (See Fig 2) afterward, just key in the password you set, finally, PCVRM (See Fig 3) is working.



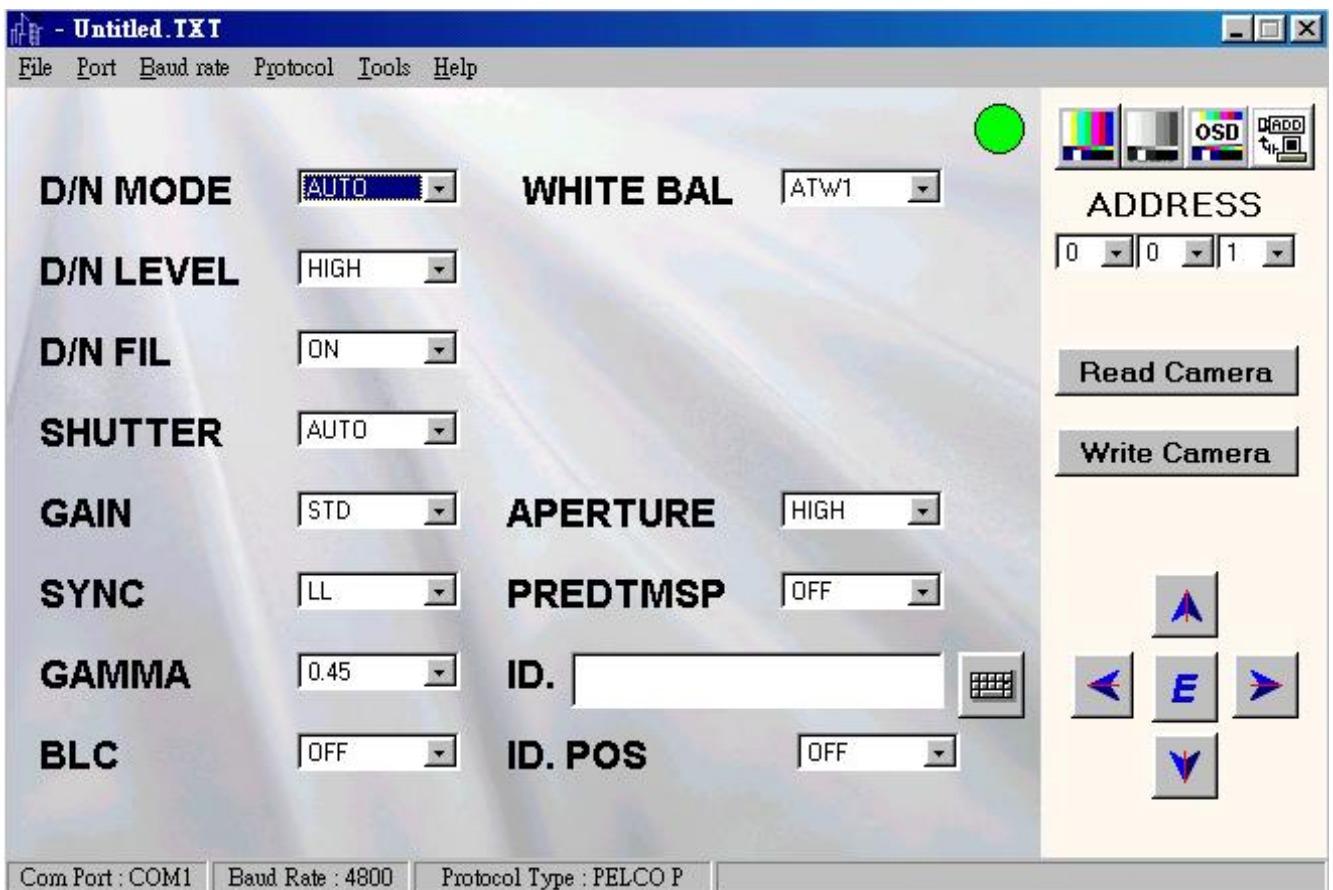
The dialog box titled "Password Form" contains two input fields. The first is labeled "New Password" and the second is labeled "Confirm Password". To the right of the "New Password" field is an "OK" button, and to the right of the "Confirm Password" field is a "CANCEL" button.

Fig 1



The dialog box titled "Password Form" contains a single input field labeled "Enter Password:". Below the input field are two buttons: "OK" on the left and "CANCEL" on the right.

Fig 2



The main software interface, titled "- Untitled.TXT", features a menu bar with "File", "Port", "Baud rate", "Protocol", "Tools", and "Help". The main area is divided into several sections:

- Left Column:** D/N MODE (AUTO), D/N LEVEL (HIGH), D/N FIL (ON), SHUTTER (AUTO), GAIN (STD), SYNC (LL), GAMMA (0.45), BLC (OFF).
- Right Column:** WHITE BAL (ATW1), APERTURE (HIGH), PREDTMSP (OFF), ID. (text input), ID. POS (OFF).
- Top Right:** A green status indicator, a color calibration bar, an "OSD" button, and a "DADD" button.
- Bottom Right:** "ADDRESS" (0 0 1), "Read Camera" button, "Write Camera" button, and a directional pad with an "E" button.
- Bottom Bar:** Com Port : COM1, Baud Rate : 4800, Protocol Type : PELCO P.

Fig 3

# Main menu description

Main menu

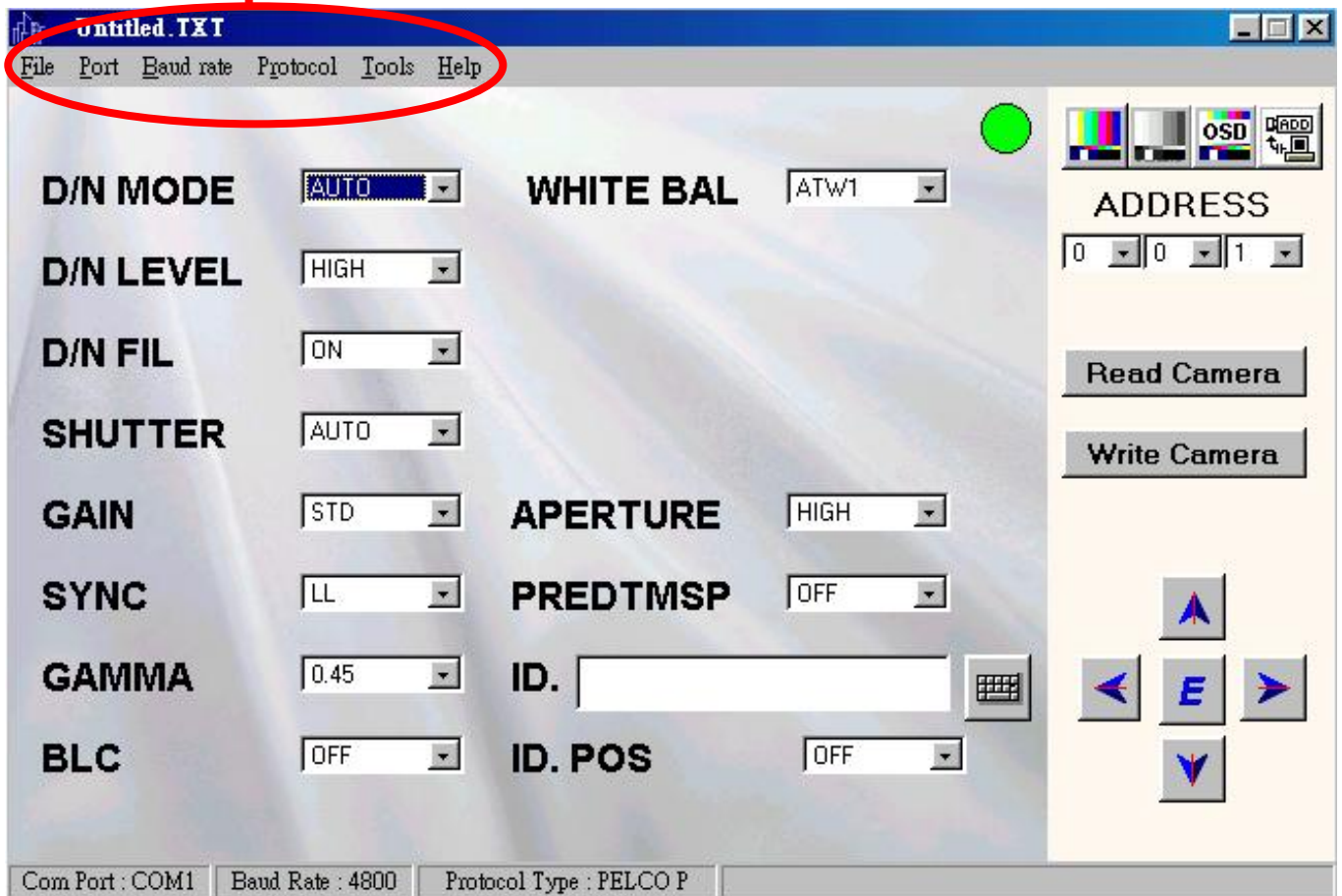


Fig 4

## Main menu:

### File :

- a. Open: Open a file which had been stored up on PCVRM, if not, the error message will be appeared.
- b. Save as...: Save the current selecting list as a file.

### Port:

- a. Com1: Set com port to com1.
- b. Com2: Set com port to com2.

### Baud Rate:

- a. 1200: Set Baud Rate to 1200.
- b. 2400: Set Baud Rate to 2400.
- c. 4800: Set Baud Rate to 4800.
- d. 9600: Set Baud Rate to 9600.

### Protocol:

- a. Pelco P: Set protocol to Pelco P

- b. Pelco D: Set protocol to Pelco D
- c. ERNITEC: Set protocol to ERNITEC.

**Tools:**

- a. Get Protocol state: PCVRM will search baud rate, protocol & address and correct it automatically by connected camera.
  
- b. Image Delay Time:  
You'll see dialogue as below( Fig 5)

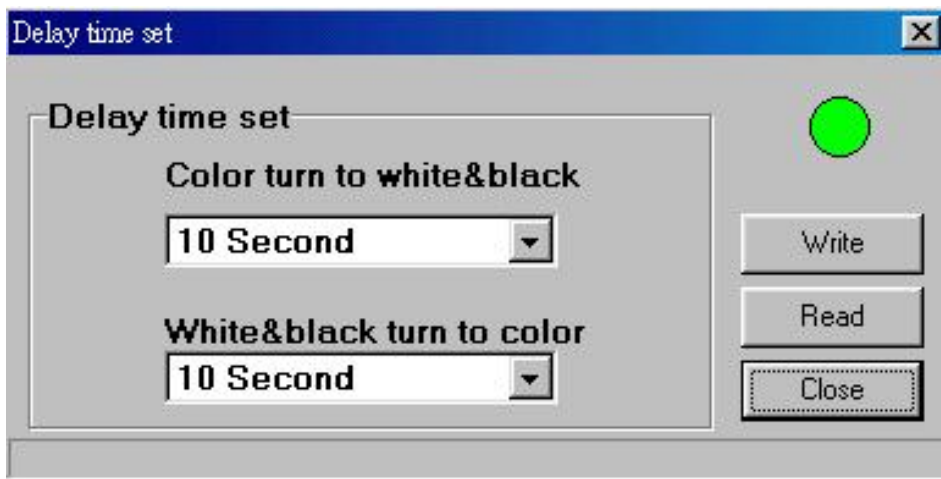


Fig 5

1. Color turn to white & black: You can choose delay time (5-20 Sec, 5 Sec interval) from Color turn to white & black selecting list.
2. White & black turn to Color: You can choose delay time (5-20 Sec, 5 Sec interval) from Color turn to white & black selecting list.
3. Write button: Write currently set up time of Image delay into camera. (Write button is effective on setup of Protocol, Address are same to connected camera)
4. Read button: Read time of Image delay from camera and show on Color turn to white & black selecting list & Color turn to white & black selecting list.( Read button is effective on the same setup of Protocol & Address with connected camera)
5. Close button: Close Filter Delay Period form.

- d. Change User Password: Selecting this menu and you'll see Password form as below (See Fig 6)



The image shows a standard Windows-style dialog box titled "Password Form". It features a blue title bar with a close button (X) in the top right corner. The main area is light gray and contains three text input fields stacked vertically. The first field is labeled "Enter Password:", the second is labeled "New Password", and the third is labeled "Confirm Password". To the right of the first field is a button labeled "OK", and to the right of the second field is a button labeled "CANCEL".

Fig 6

1. Enter Password edit: Enter old password of User mode.
2. New Password edit: Enter new password of User mode.
3. Confirm Password edit: Enter the same new password to confirm

# Button Function description

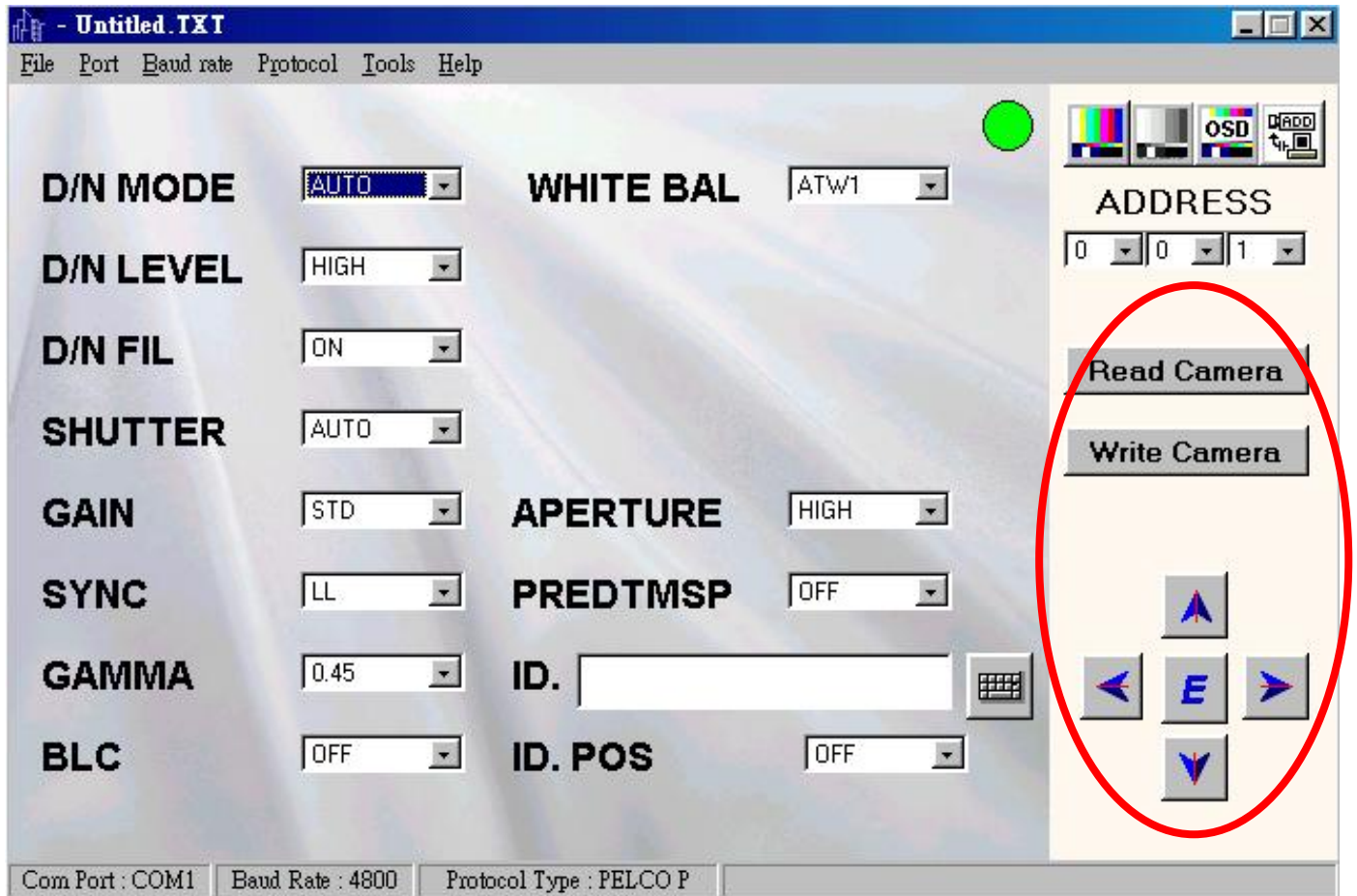


Fig 7

- READ CAMERA button: Read OSD function from camera, and also show OSD function menu on PCVRM.
- WRITE CAMERA button: Write OSD function menu setup on current PCVRM into camera
- UP button: When OSD is set "ON" of camera , cursor will up one step.
- DOWN button: When OSD is set "ON" of camera, cursor will down one step.
- LEFT button: When OSD is set "ON" of camera , cursor will left one step.
- RIGHT button: When OSD is set "ON" of camera , cursor will right one step.
- ENTER button: Set up for the position of currently cursor is.

# Speed button

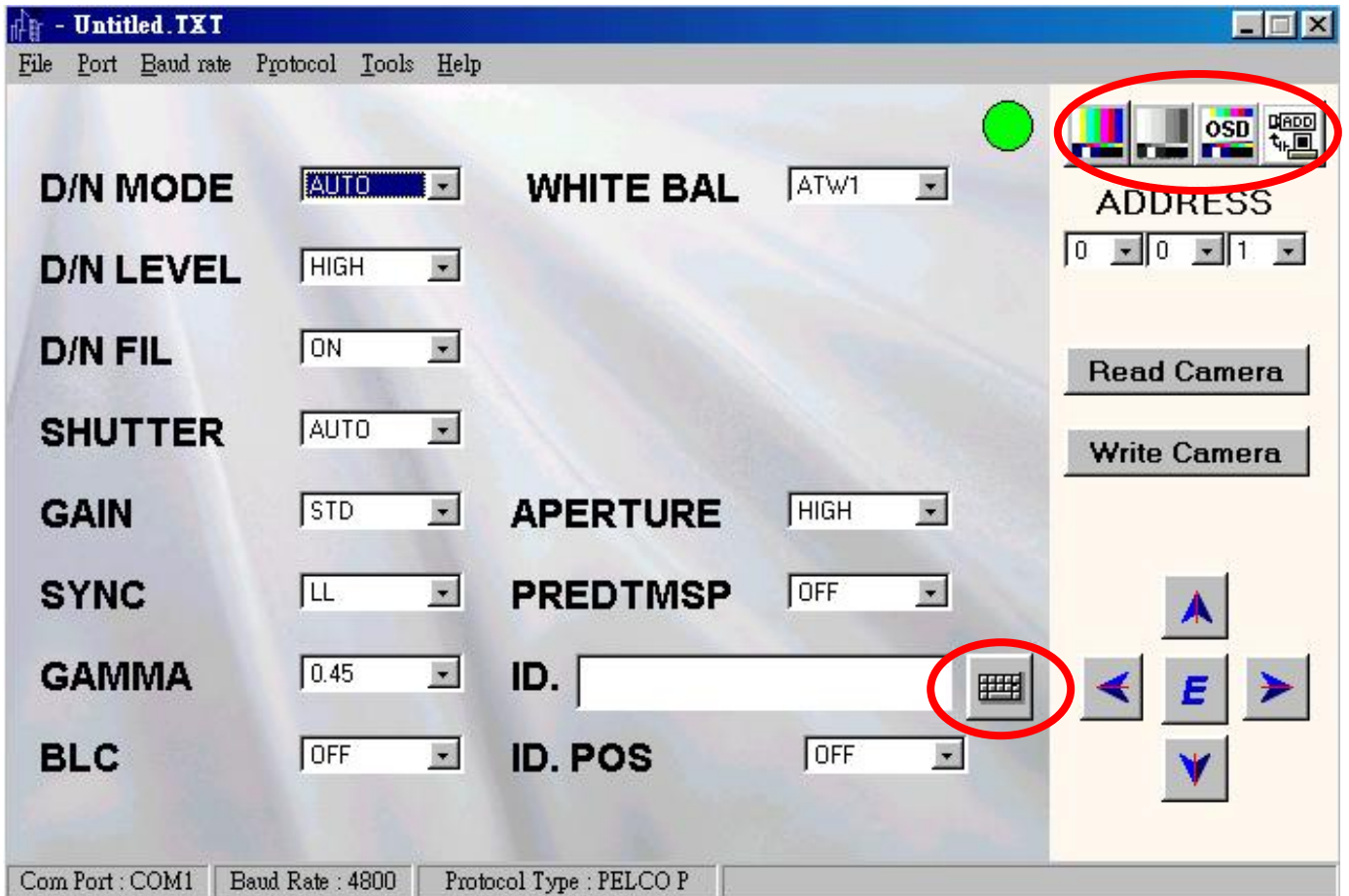
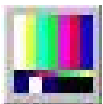
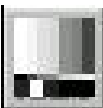


Fig 8



Color mode speed button: Set MANUAL on D/N MODE of camera, press this button will turn the screen into color mode



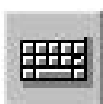
White & Black mode speed button: Set MANUAL on D/N MODE of camera, press this button will turn the screen into White & Black.



OSD ON speed button: Open OSD screen of camera



Protocol information speed button: However that set address and protocol on camera, the camera will show protocol information.



Keyboard speed button: Press the button and then show a Keyboard Form (see Fig 9) It'll show on ID edit of typing any words on the Keyboard Form.



Fig 9

## Address set

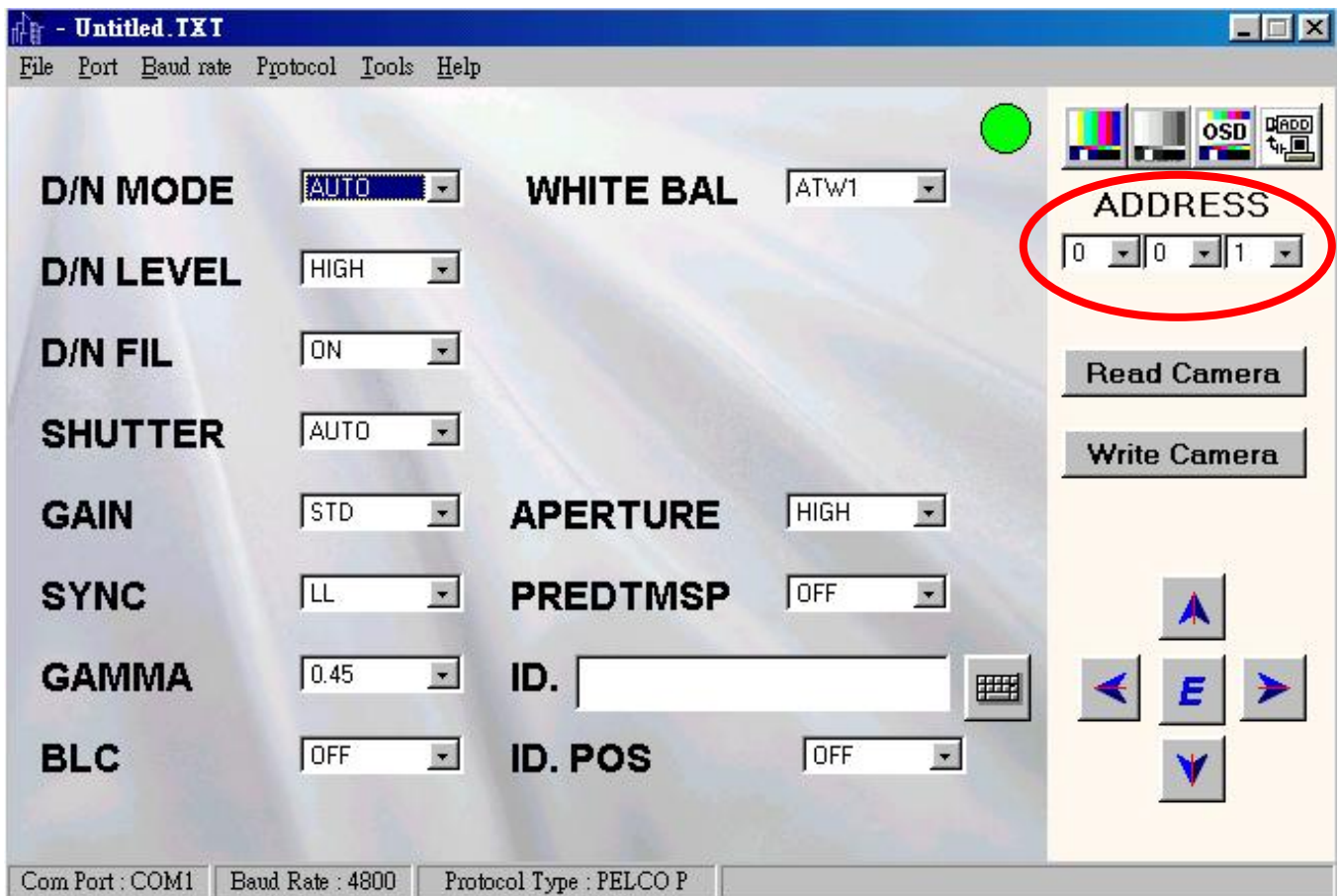


Fig 10

ADDRESS SET: Address setup.



# Protocol State bar

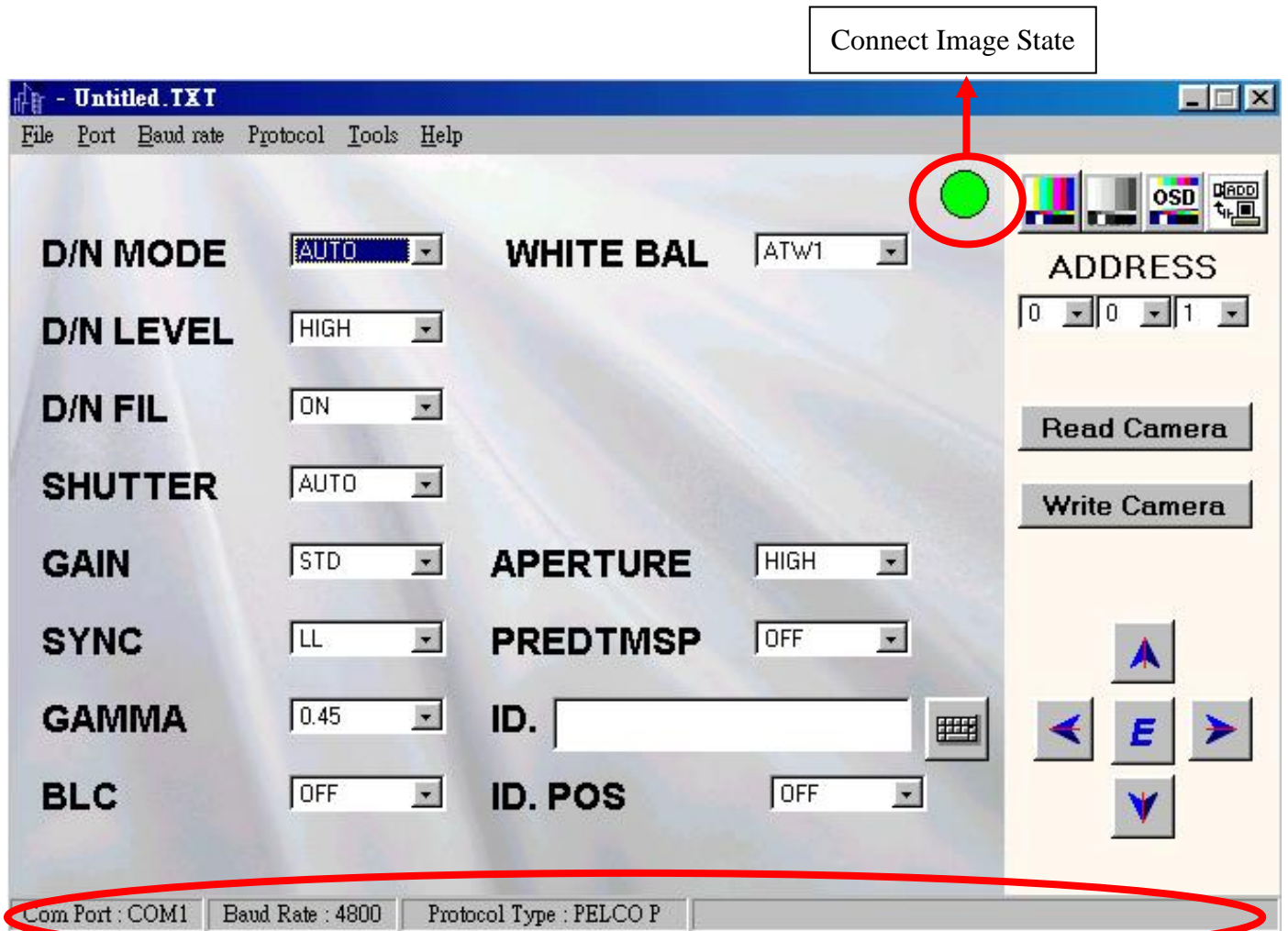


Fig 11

Protocol State bar

Protocol State bar: shows states of Port, Baud Rate, Protocol.

- Connect Image State:
1. If the circle shape is green, Protocol & Address of the camera & PCVRM are the same setup, PCVRM can setup the camera meanwhile.
  2. If the circle shape is red, status means one of the Protocol & Address of the camera & PCVRM are different, and camera is disconnected, PCVRM couldn't contact the camera.

X1.2 demo