

DVTel IP Mini-Dome Series Camera Quick Install Guide

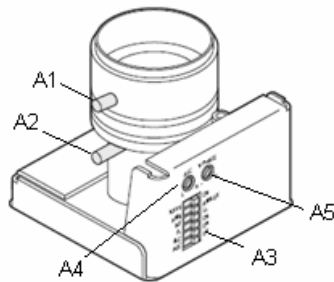


High Resolution Day/Night Cameras

DVT-FDC-2910N/P, DVT-FDC-922N/P Camera Modules

- If applicable, use the camera module dip switches to adjust its settings. The user settings are:

- A1: Focus Adjuster
- A2: Field of View adjuster
- A3: DIP Switches
- A4: ALC adjustment
- A5: V-Phase adjustment



SDN mode (SDN / On) – When “ON” the camera operates in monochrome mode in reduced lighting.

Auto White Balance (AWB /AWB.ex) – In AWB, the camera operates in normal Auto White balance range 2700K~11000K. IN AWB-EX, the camera operates in extended Auto White balance range 2000K~18000K

Line Lock (INT / LL) – Default is INT mode. Always set to INT mode.

Flickerless mode (FL / On) – When “ON”, the camera reduces flicker in the image under fluorescent lighting.

Back Light Compensation (BLC) – When set to on this option improves the camera response to strong, unwanted lighting effects behind the subject.

Low Light sensitivity (AGC-EX) – When set to “EX”, sensitivity in low light is increased

Focus and Field of View

Twist the levers to adjust the focus and field of view settings.

Vertical Phase Adjustment

Not applicable

DC Iris/ALC Adjustment

Factory set, no adjustment should be needed.

Tip: Perform the final focus through the lens bubble by holding it up to the lens reversed to confirm final results.

True Day/Night High Resolution Cameras

DVT-FDC-TD2910N/P, DVT-FDC-TD922N/P Camera Modules

Camera Adjustments

	FUNCTION	OFF	ON
①	TDN	OFF	ON
②	AWB	NORMAL	EX
③	SYNC	INT	LL
④	Flickerless	OFF	ON
⑤	BLC	OFF	ON
⑥	AGC	NORMAL	TURBO
⑦	SHARP	NORMAL	ON
⑧	D&N	LOW	HIGH

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Line Lock (INT / LL) –Default is INT mode. Always set to INT mode

Flickerless mode (FL / On) – When “ON”, the camera reduces flicker in the image under fluorescent lighting.

Back Light Compensation (BLC) – When set to “ON” this option improves the camera response to strong, unwanted lighting effects behind the subject.

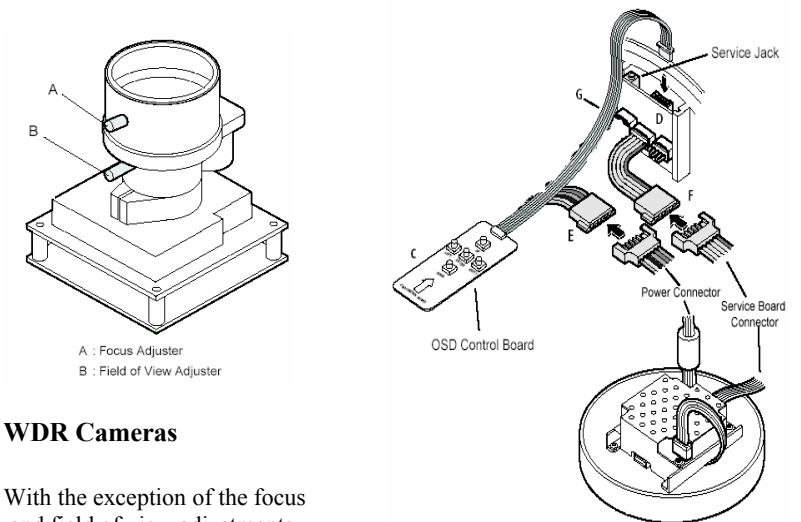
Low Light sensitivity (AGC-Turbo) – Setting to “TURBO” will automatically increase the sensitivity in low light. Selecting “NORMAL” will remove noise from the image, but will limit the camera's sensitivity.

Sharp (On)– When set on the camera enhances the sharpness of the image.

Day/Night (Lo/Hi) – The D&N mode is only active when TDN is set to “ON”. When set to “HI” the camera will switch to Night (Monochrome) mode at a lower light level.

Wide Dynamic Range (WDR, True D/N WDR Cameras)

DVT-FDC-W2910, DVT-FDC-W922
DVT-FDC-TW2910, DVT-FDC-TW922 Camera Modules



WDR Cameras

With the exception of the focus and field of view adjustments (made using levers A and B) all settings for the WDR series are made using its on screen menu display. A working video monitor and a separate plug-in control board with service jack (C) are required to view and select options.

- Within the dome enclosure, first attach the OSD lead from the camera to the middle socket of the service board (F) This is the split lead connectors (white wires with red strip). Connect the power connector (E) to the camera module. You will need to install the short 5 pin to 6 pin connector first.
- Ensure that the OSD lead (G) is connected to socket on the gimbal disk (D).
- With power applied to the camera and a video monitor connected, press and hold the ENTER key for three seconds to access the top level menu. A map of the menu options are shown below.
- To navigate through the menus, use the arrow keys on the control board and use the ENTER key to select items. After making any changes, navigate to the “SAVE SETTINGS” option in the “SAVE/RESTORE” menu and press the ENTER key to save the changes that have been made. Otherwise any changes made will be lost when the camera is next reset or has its power cycled.
- When configuration is complete, the OSD lead (G) may be disconnected. See overleaf for WDR programming.

DVTel IP Mini-Dome Series WDR Quick Programming Guide

