

Mothco

416-HD Video Tap

Installation Instructions

as of: September 12, 2024



Step 1:

Remove Arri's analogue IVS from the 416 using the 3x M4 captive screws. Unscrew the lens (counterclockwise). You can help by turning the iris thumb-wheel at the same time in the opposite direction to make it easier. Save the rubber gasket, but you will not need it.



Step 2:

The HD Tap will come with the back cover closed. Unscrew 4x M3 captive screws to open this. There are cables threaded inside so don't pull the two pieces apart.



Step 3:

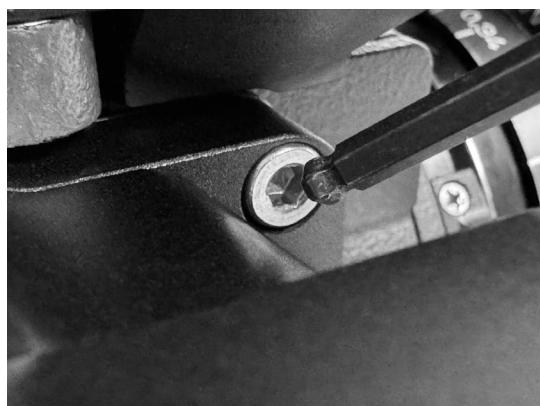
Be careful not to cross-thread the lens as you screw it into the HD tap assembly. It will receive the lens without resistance. Screw it all the way in.





Step 4:

Re-attach the cover, being careful not to pinch the cable in the process.



Step 5:

Attach the HD Tap to your 416 using the 2x M4 hex screws. Use a ball-end hex key.

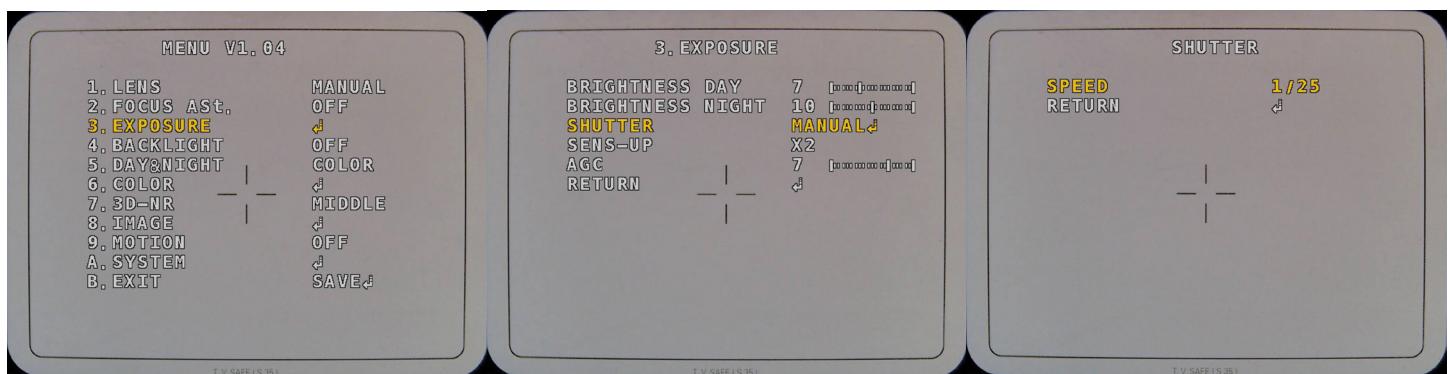
1. System Setup:

MENU → SYSTEM → TV SYSTEM = PAL



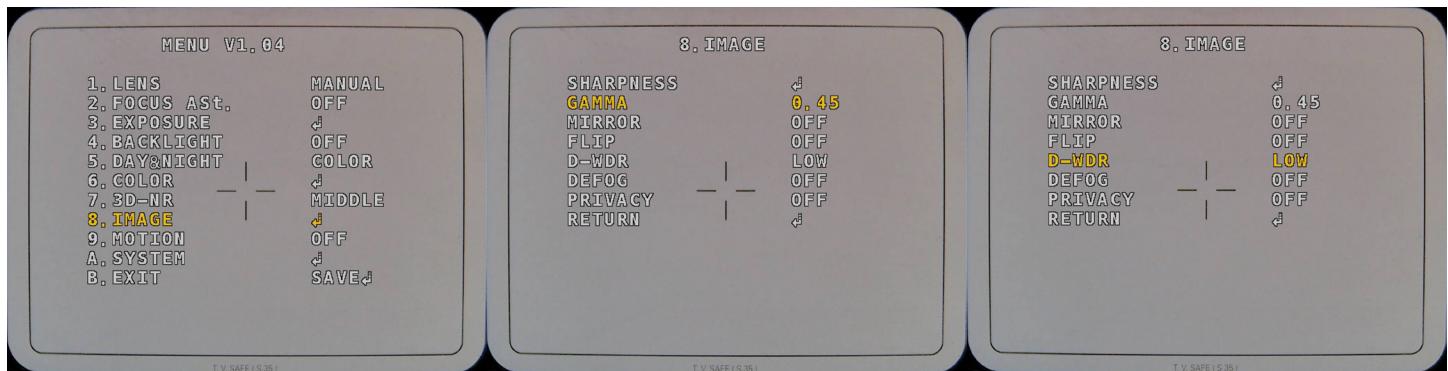
2. Exposure Setup:

MENU → EXPOSURE → SHUTTER = 1/25



3. Image Settings:

MENU → IMAGE → GAMMA = 045, D-WDR = LOW



To Adjust Image Position:

Slightly loosen 2x screws shown below using a 1.3mm hex driver, and hold the green handle to position the camera. Re-tighten when the image is aligned.

