Quick Setup Guide Low Voltage

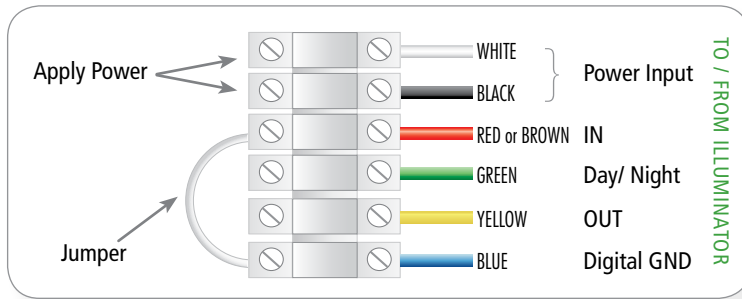**AXTON**
ILLUMINATE THE NIGHT

AT-11XX | AT-25*XX | AT-56XX |

WIRING OPTIONS

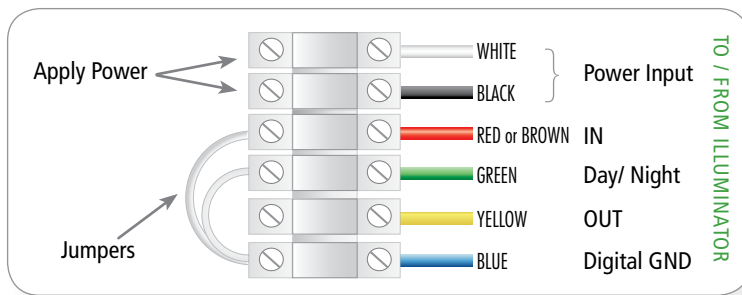### OPTION 1 Constant ON

AXTON Illuminators have been designed and tested to run 24/7 continuously both indoors and outdoors.

Apply Power

Jumper

WHITE — } Power Input
BLACK —
RED or BROWN — IN
GREEN — Day/ Night
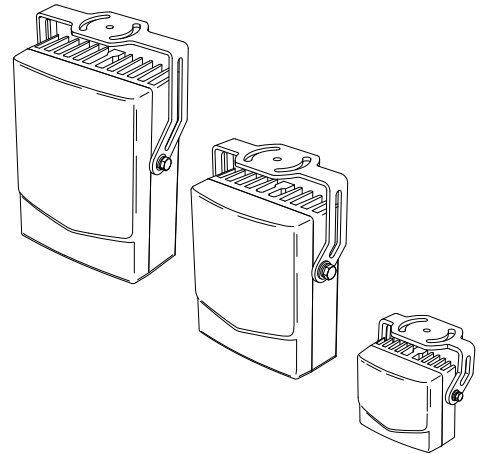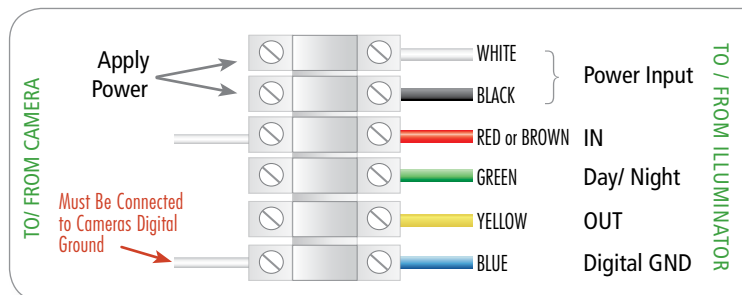YELLOW — OUT
BLUE — Digital GND

TO / FROM ILLUMINATOR

OPTION 2 Automatic

Illuminator will trigger ON/OFF using the built in ambient light sensor which has been pre-set to a threshold of 5-15 lux. ON will trigger immediately while OFF will trigger after a 12-18 second delay.

Apply Power

Jumpers

WHITE — } Power Input
BLACK —
RED or BROWN — IN
GREEN — Day/ Night
YELLOW — OUT
BLUE — Digital GND

TO / FROM ILLUMINATOR

OPTION 3 External Controller (e.g. Camera)

You will need to log into the camera via the computer and program the I/O ports to trigger when IR illumination is desired.

TO/ FROM CAMERA

Apply Power

Must Be Connected to Cameras Digital Ground

WHITE — } Power Input
BLACK —
RED or BROWN — IN
GREEN — Day/ Night
YELLOW — OUT
BLUE — Digital GND

TO / FROM ILLUMINATOR

⚠ Make all electrical connections BEFORE applying power.

Voltage Input Configurations

1. **24 to 36 VDC**

2. **24 VAC**

Polarity NON-Sensitive

Applying voltage other than the required range may cause permanent damage and VOID WARRANTY.

WARNING! Infrared light is not visible. Do not view directly with optical instruments (magnifiers) or stare directly into the illuminator at close distance.

Do not attempt to open or modify the light as this will void the warranty. *If you need a modification, electric or physical, contact us directly. We will let you know if it can be done. All changes MUST be made at our factory.*

To switch illuminator ON, your camera output port(s) have to be ACTIVE and set to LOW (GND-ground).

You may associate this action with various events (IR cut filter, motion detection, etc.) available on your camera or external device.

*Excludes Hybrid Illuminators - Which have a separate setup guide.

? **QUESTIONS ? (801) 519-0500 or support@axtontech.com** | **axtontech.com**