



X-SIGHT RELAY

External peripheral device controller



FEATURES

- 2 independent channels
- Each channel with 2 outputs

SOFTWARE

- X-Sight Alpha support
- USB operated

SUPPORTED OPERATING SYSTEMS

- Win 11 64bit / Win 10 64bit
- Win Server 2019 / Win Server 2022

Latest Release on date of purchase

X-SIGHT RELAY SERVES AS A CONTROLLER UNIT FOR EXTERNAL LIGHTS AND PERIPHERAL DEVICES SUCH AS FANS OR LASER POINTERS

OVERVIEW

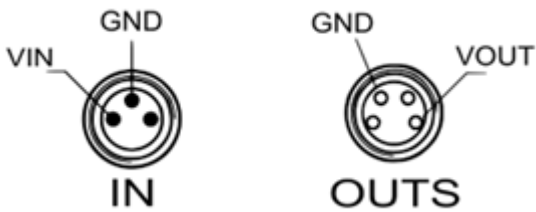
Relay is an auxiliary device designed for X-Sight measuring systems that lets you turn on and off additional lights and other devices via USB. It has two independent channels, each channel with two outputs.

REMOTE CONTROL FUNCTION

The Alpha DIC software sends a digital signal to open/close relay for a desired channel.

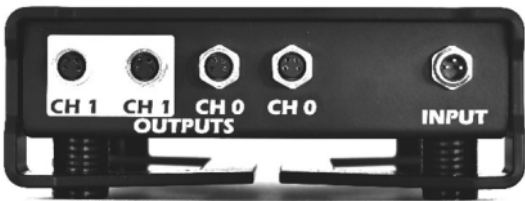
ELECTRICAL CONNECTION

The voltage outputs are labelled as CH 0 & CH 1. INPUT is used for the voltage input.



Designation	Meaning
Input Pin 1	VIN
Input Pin 4	GND
Output Pin1	VOUT
Output Pin4	GND

All channels have common ground.



Rear panel with M8 connectors



Front view of Relay



Side view of Relay

MECHANICAL DIMENSIONS

The following table includes the mechanical dimensions for Relay.

Dimension	Value
Length	220 mm
Width	130 mm
Height	50 mm
Weight	0.6 kg

PC CONNECTION

The device is connected to the PC using a USB 2.0 A/B cable. Relay creates a Serial COM port with the following default settings

Parameter	Value
Baud Rate	115,200
Data Bits	8
Parity	none
Stop Bits	1
Handshake	none

POWER CONSUMPTION

Relay device power consumption depends on number of connected devices. Typical parameters for X-Sight supplied lights is 24VDC and 0.5A per unit.

This may vary according to the light model. Maximum input voltage is 60VDC, maximum input current 6A.

OPERATION CONDITIONS

The device is designed for indoor use only. Do not allow to get wet.

Item	No. of pieces
Temperature	5-40 °C
Humidity	30-70 %

This product complies with EU Directive 2002/96/EC.



PACKAGE CONTENTS

Item	No. of pieces
Relay	1
Ethernet to M8 3Pin Cable	1
USB2 A/B Cable	1
Manual	1