

# Uniblitz® VCM-D1

Single-Channel Uni-Stable Shutter Controller



## Overview

For nearly 15 years, the Uniblitz VCM-D1 has been providing high-performance shutter control. This single-channel, uni-stable driver is versatile and proven, and it's compatible with many Uniblitz shutters. In addition to direct shutter control via the BNC inputs, shutters can also be controlled via RS-232C computer serial ports, allowing up to 8 separate driver units to be daisy-chained (810RJ cables required).

See the [VCM-D1 User Manual](#) for additional information regarding this device. The VCM-D1 is **RoHS compliant** and **CE certified**.

**Need Support?** Please [visit our website](#) or email us at [info@uniblitz.com](mailto:info@uniblitz.com).

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## What's Included

- VCM-D1 Shutter Driver
- Manual (included on flash drive)
- **710A** Cable (3.0 m)
- Line Cords (USA and Euro)
- Fuses (2) (0.25 AMP S-B)
- Key Switch Keys (2)

# Shutter Compatibility

| CS   | DSS | LS  | NS | TS | VS   | XRS                |
|------|-----|-----|----|----|------|--------------------|
| CS25 |     | LS2 |    |    | VS14 | XRS6               |
| CS35 |     | LS3 |    |    | VS25 | XRS14              |
| CS45 |     | LS6 |    |    | VS35 | XRS25 <sup>1</sup> |
| CS65 |     |     |    |    |      |                    |
| CS90 |     |     |    |    |      |                    |

Use with shutter devices other than those listed to the left is not recommended. Please contact us for further information.

<sup>1</sup> Will require two drivers for operation.

## Operation Modes

### **STD - Standard shutter operation:**

Exposure is determined by an external pulse source or switch contact closure.

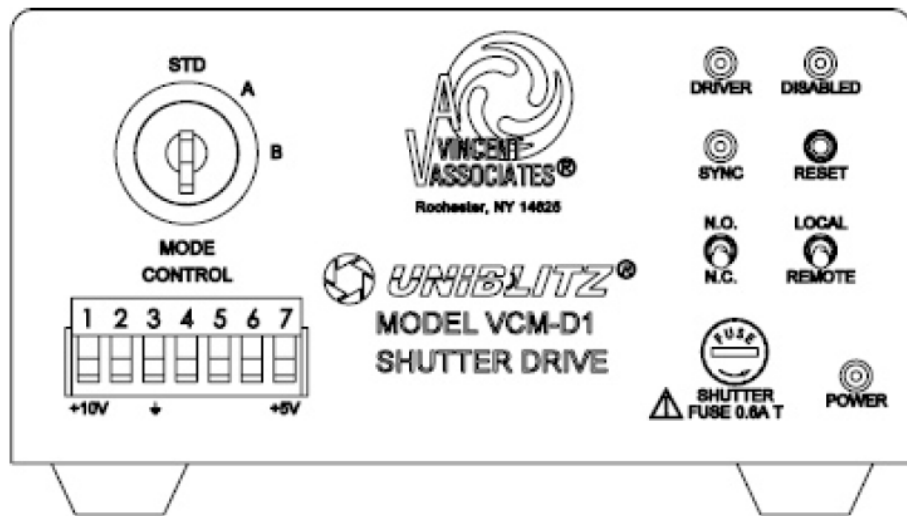
### **A - Line interrupt mode:**

When a loss of line power is detected, the VCM-D1 powers down. When power is restored, it must be manually or remotely reset to resume standard operation.

### **B - DC interrupt:**

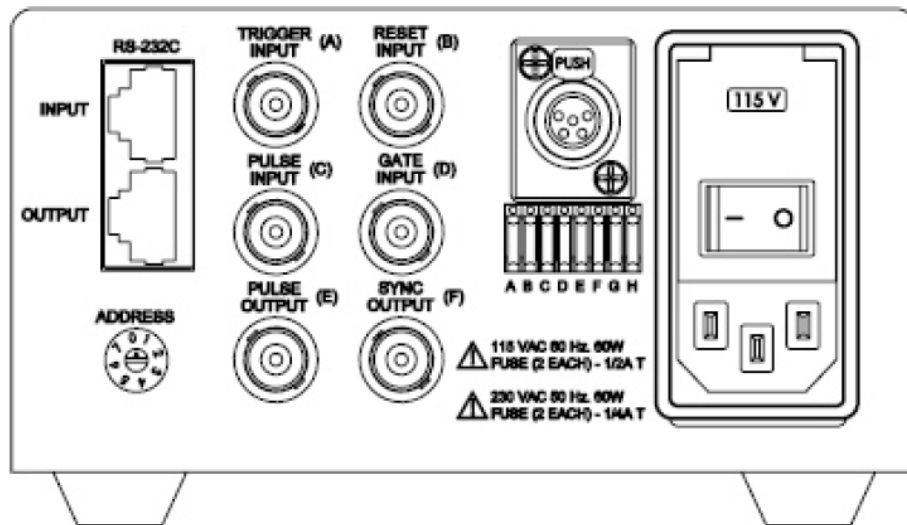
Detects a break in external switch contact. When continuity is restored, it must be manually or remotely reset to resume standard operation.

# Device Layout



## Front Panel

LED indicators reveal shutter status at a glance, while the MODE key switch will set the unit to a specific interrupt mode not allowing an inadvertent change in setting once the key is removed. Additional interrupt functions are available at the MODE CONTROL 7-PIN pluggable connector. The AUX out-put and +5 VDC output are also available at the MODE CONTROL connector.



## Rear Panel

All main input/output functions can be accessed at the VCM-D1 rear panel, including the 115/230VAC input which is manually selectable. BNC connectors allow for quick termination of TTL command signals. Function switches A-F determine the active state of the BNC inputs or outputs (high or low level active). Function switch H selects HIGH/LOW energy level. Function switch G will disable the SYNC output BNC and disable the IR emitter of the synchronization circuit within the shutter used.

# Technical Specifications

| Size (H x W x D)                                       | Weight               |
|--|----------------------|
| 2.73 x 5.41 x 8.18 inches<br>(69.3 x 137.4 x 207.8 mm) | 3.5 lbs<br>(1.59 kg) |

| Power                           |
|---------------------------------|
| 115 / 230 VAC, 50 - 60 Hz, 60 W |

# Product Options

| VCM-D1 <sup>2</sup>   | Ex: VCM-D1J  |
|---|--|
| <p><sup>1</sup> Driver:</p> <ul style="list-style-type: none"><li>• <b>VCM-D1</b></li></ul> | <p><sup>2</sup> Japan Modification:</p> <ul style="list-style-type: none"><li>• <b>J</b>: Included</li><li>• Leave blank if not required</li></ul> |