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# Uniblitz<sup>®</sup> VED24

Single-Channel Bi-Stable/Uni-Stable Shutter Controller

#### Overview

The Uniblitz VED24, or Versatile Electronic Driver, provides simple, straightforward shutter control. The device is compatible with both uni-stable and bi-stable shutter devices. Operation options include manual shutter control, external triggering, and remote computer interfacing. Exposure is determined by external pulse (Active-Low, TTL), computer interface, or switch contact.

See the <u>VED24 User Manual</u> for additional information regarding this device. The VED24 is **RoHS compliant** and **CE Certified**.

**Need Support?** Please <u>visit our website</u> or email us at <u>info@uniblitz.com</u>. Tel: <u>585-385-5930</u> | Toll-Free: <u>800-828-6972</u> | Fax: <u>585-385-6004</u> | 803 Linden Ave. Rochester, NY 14625 Updated 7/18 | Datasheet Version 5.2 | ©2018 Vincent Associates



## What's Included

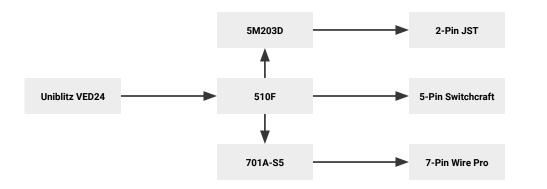
- VED24 Shutter Driver
- Manual (included on flash drive)
- <u>PS24</u> +24 VDC, 40W, Power
  Supply w/ US line cord
- <u>**510F**</u> Shutter Interconnect Cable (3.0 m)
- **<u>USB-AB</u>** Cable (1.0 m)
- <u>5M203D</u> Adapter
- **<u>701A-S5</u>** Adapter

## Shutter Compatibility

cs	DSS	ES	LS	NS	TS	VS	XRS
CS25 <sup>1</sup>	DSS10B	ES6B	LS2 <sup>1</sup>	NS15B	TS2B	VS14 <sup>1</sup>	XRS6 <sup>1</sup>
CS35 <sup>1</sup>	DSS20B		LS3 <sup>1</sup>	NS25B	TS6B	VS25 <sup>1</sup>	XRS14 <sup>1</sup>
CS45 <sup>1</sup>	DSS25B		LS6 <sup>1</sup>	NS25S <sup>1</sup>		VS35 <sup>1</sup>	XRS25 <sup>1</sup>
CS65 <sup>1</sup>	DSS35B			NS35B			
CS90 <sup>1</sup>				NS45B			
				NS65B			

<sup>1</sup> Will require "E" option for VED24 compatibility.

#### Shutter Interfacing



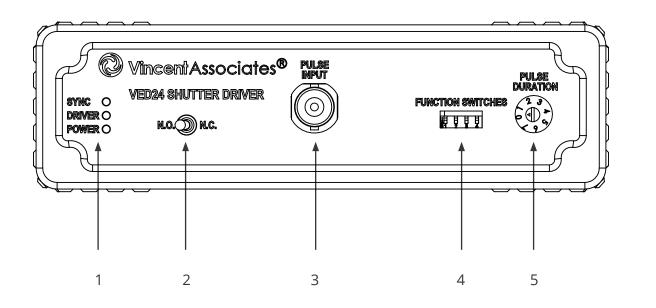
This graphic (left) shows how the VED24 should be interfaced with various shutters devices/shutter connectors using the included adapters and interconnect cable.

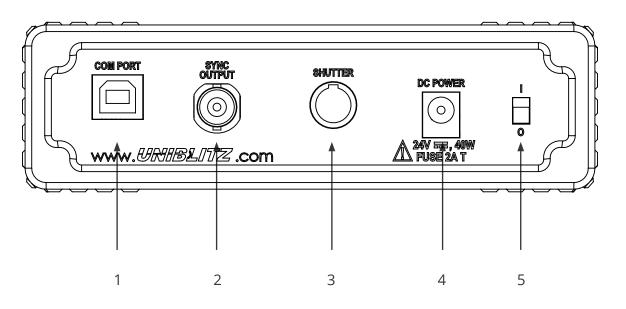




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### **Device Layout**





- 1. LED for power, driver, and sync status
- 2. Toggle switch for Normally Open/ Normally Closed operation
- 3. Pulse input BNC is an Active-Low TTL input signal
- Local/Remote, Voltage Select, Bi-Stable/Uni-Stable, and Time Select Function switches
- Selectable timing widths for specific shutters via Pulse Duration rotary octal switch
- 1. USB Type-B receptacle for computer interface control
- 2. Sync Output BNC is an Active-High TTL output signal
- 3. Shutter Interconnect 5-pin male Switchcraft connector
- 4. 2.0mm DC jack Accepts+24VDC, fuse Power ON/OFFslide switch
- 5. Power ON/OFF slide switch