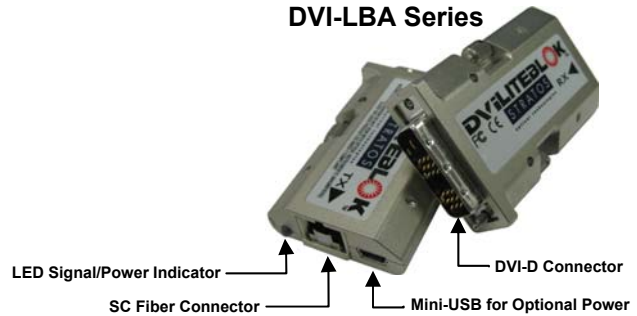


DVI-LBA Series

Technical Note: Use DViLiteBlok with 50 or 62.5 micron multimode fiber and SC connector interface. 50 micron is recommended to maximize transmission distance up to 1000 m.



Installation Sequence

1. Plug powered DViLiteBlok transmitter (TX) into the monitor DVI port to capture monitor data.

Power using USB cable or optional wall plug power supply.
 TX LED should now only flash green. (Indicates that monitor EDID, Extended Display Identification Data, has been captured and stored on the TX).
 It is now ok to remove the TX from the monitor.
 Note: Although not necessary, the user may now unplug the USB power cord from the TX.

2. Plug the DViLiteBlok transmitter (TX) into the graphics card DVI port on the personal computer.

TX LED should remain solid green. (Indicates successful connection to PC graphics card.)
 Most PC DVI ports provide power through the connection.
 If needed, power using USB cable or optional wall plug power supply.

3. Plug powered DViLiteBlok receiver (RX) into monitor DVI port.

Power using wall plug power supply or USB cable.
 RX LED should be solid red. (Indicates absence of optical signal.)

4. Connect the DViLiteBlok TX and RX using multimode fiber optic cable.

RX LED should be solid green. (Indicates valid optical signal received from the TX.)
 NOTE: The TX has memory. Step 1 to capture monitor data should not need to be repeated for this PC-Monitor link.

DViLiteBlok LED COLOR CODE SUMMARY

TRANSMITTER LED COLOR	REASON
Alternating Red and Green	Ready to connect DViLiteBlok TX to the monitor to collect EDID monitor data.
Flashing Green	Ready to connect DViLiteBlok TX into graphics card on PC. EDID data was correctly stored onto the TX. OK to disconnect TX from the USB power.
Solid Green	Successful connection of DViLiteBlok TX with the graphics card. Everything will work correctly using only the monitor from which the EDID data was obtained.
Flashing Red for 10 Seconds, then Solid Red	DViLiteBlok TX not yet connected to a monitor. Unplug the TX from the USB power cord. Reconnect the USB cord to the TX and connect the TX to the monitor.
RECEIVER LED COLOR	REASON
Solid Green	RX powered and optical signal present.
Solid Red	RX powered, but no optical signal is present.

NOTE: The DViLiteBlok contains onboard non-volatile memory for storing the monitor's EDID information. Once EDID is obtained from the monitor, the DViLiteBlok may be completely disconnected and the EDID information will be retained for later.