

Overview:

The unit converts a 12VDC-24VDC input into a regulated 24VDC output.

Altronix Model Number	Output	Input	Cable Assembly	Terminal Block
VB1	24VDC @ .75 amp	12VDC - 24VDC	x	-
VB1T	24VDC @ .75 amp	12VDC - 24VDC	-	x

Specifications:

- Converts a 12VDC-24VDC input into a regulated 24VDC output (*Fig. 1*).
- Built-in overload protection.
- Electronically filtered and regulated output.
- Power LED.
- High impact insulated housing.
- Compact design allows for integration in a wide range of camera housings.

Dimensions: 1.625"L x 2.375"W x 1"H

Applications:

- Compensates for voltage drop due to long wire runs.
- Power for 24VDC Access Control devices from a 12VDC power source.

Installation Instructions:

1. Mount the unit in desired location.
2. a. VB1: Connect Yellow (positive) lead and Purple (negative) lead to 12VDC to 24VDC source! Observe polarity.
b. VB1T : Connect 12VDC to 24VDC power source to terminals marked [IN+] and [IN-].
3. Measure output voltage and check polarity before connecting devices, in order to avoid potential damage.
4. a. VB1: Connect Red lead [Pos. +] and Black lead [Neg. -] to 24VDC device to be powered.
b. VB1T : Connect 24VDC device to be powered to terminals marked [+ OUT -].
5. LED will illuminate when power is present.

Note: If input voltage exceeds 24VDC output voltage will follow the input.

This may cause damage to powered equipment.

Fig. 1

