

# Power Supply Guide

No: **T-13/01**Revised 20<sup>th</sup> October 2020 / AR


## Introduction


Due to different specifications of WolfVision devices, different power supplies are required. Additionally due to changes on supplier side it was necessary to change the power supplies during series.

## Compatibility

- a. All DC-powered portable WolfVision Visualizers, Cameras and Lightboxes are requiring 12VDC. Never use power supplies with higher output ratings – this could damage your unit. The mechanical dimensions of DC connector: 5.5mm outer diameter and 2.1mm inner diameter (centre pin is positive).
- b. All PoE-powered (Power over Ethernet | PoE and PoE+) Visualizers and Cameras are meeting the standard IEEE 802.3... with standard RJ45
- a. All DC-powered WolfVision Cynap units are requiring 19VDC. (centre pin is positive).

Before exchanging a power supply, check required ratings!  
Note type label of WolfVision Visualizer or camera to specify minimum requirements.









	<b>WARNING</b>
<ul style="list-style-type: none"><li>➤ Use power supply with compatible ratings only. Check ratings before connecting the power supply.</li><li>➤ Never pull the cord itself. To disconnect the cord, pull it out by the plug.</li><li>➤ Do not open the power supply.</li><li>➤ Do not expose the units to moisture.</li><li>➤ Ensure heat dissipation.</li><li>➤ Do not handle the power plug with wet hands.</li><li>➤ Do not use damaged or frayed power cable.</li><li>➤ Do not bend or stress the power cable excessively.</li></ul>	

	<b>Disposal</b>
<p>EU-wide legislation as implemented in each Member State requires that used electrical and electronic products carrying the mark (left) must be disposed of separately from normal household waste. When you dispose such products, please follow the guidance of your local authority and/or ask the dealer where you have purchased the product. The mark on the electrical and electronic products only applies to the current European Union Member States.</p>	



# 1. WolfVision Visualizers, Cameras and Lightboxes

## 1.1. DC power supplies, power cord required





picture	part number	initially used for	input	output
	not available anymore	earlier VZ-9.4L earlier VZ-9.4F	100VAC~240VAC 3pin socket C13/C14 	12VDC 3A
	110003.01	later VZ-9.4L later VZ-9.4F	100VAC~240VAC 2pin socket C7/C8 	12VDC 3A
	104759	VZ-9plus <sup>3</sup>	100VAC~240VAC 3pin socket C13/C14 	12VDC 6.67A
	not available anymore	VZ-9plus VZ-8 <sup>3</sup>	100VAC~240VAC 3pin socket C13/C14 	12VDC 5A
	102693	VZ-5 VZ-7 VZ-8 VZ-8plus VZ-8light VZ-9 certain VZ-9plus	100VAC~240VAC 2pin socket C7/C8 	12VDC 5A

	<p>not available anymore (some were labelled with manufacturer "SUNNY")</p>	<p>earlier VZ-9</p>	<p>100VAC~240VAC 2pin socket C7/C8</p> 	<p>12VDC 5A</p>
	<p>Not available anymore</p>	<p>LB-9 LB-38 certain VZ-8<sup>2</sup> earlier EYE-10 earlier EYE-12</p>	<p>100VAC~240VAC 2pin socket C7/C8</p> 	<p>12VDC 2.5A</p>
	<p>113107</p>	<p>later VZ-8<sup>4</sup> vSolution Cam VZ-3neo VZ-8neo VZ-8neo+</p>	<p>100VAC~240VAC 2pin socket C7/C8</p> 	<p>12VDC 2A</p>
	<p>115170</p>	<p>VZ-8.UHD</p>	<p>100VAC~240VAC 2pin socket C7/C8</p> 	<p>12VDC 5A</p>

## 1.2. DC power supplies with mains socket connection









picture	part number	initially used for	input	output
	<p>104751</p>	<p>later EYE-10 later EYE-12 later LB-9 later LB-38</p>	<p>100VAC~240VAC 2pin socket Several adapters (no power cord)</p>	<p>12VDC 2A</p>
	<p>not available anymore</p>	<p>later VZ-8<sup>3</sup> earlier VZ-8<sup>4</sup></p>	<p>100VAC~240VAC 2pin socket Several adapters (no power cord)</p>	<p>12VDC 2A</p>

### 1.3. PoE/PoE+ power supplies (injectors), power cord required

picture	part number	initially used for	input	output
	102399	VZ-3 VZ-3s	100VAC~240VAC 3pin socket C13/C14 	PoE 48VDC 0.4A
	111019	EYE-14	100VAC~240VAC 2pin socket C7/C8 	PoE+ 48VDC 0.65A

## 2. WolfVision vSolution Cynap Systems

### 2.1. DC power supplies, power cord required

picture	part number	initially used for	input	output
	112580	Cynap	100VAC~240VAC 3pin socket C13/C14 	19VDC 6.32A
	113907	Cynap Core	100VAC~240VAC 2pin socket C7/C8 	19VDC 4.74A
	102238	Cynap Pure Cynap Pure Pro  check type label for correct rating	100VAC~240VAC 3pin socket C5/C6 	19VDC 4.74A
	102237	Cynap Pure Cynap Pure Pro  check type label for correct rating	100VAC~240VAC 3pin socket C5/C6 	19VDC 3.42A