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# VID-5C12T-ARG

## Installation Guide

Rev. 11/22/2016

### NVIZN<sup>®</sup> Programmable LED 5 Character Identification Display with Traffic Alert (VID-5C12T-ARG)

#### List of Contents:

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- Packaging box contents
- Product illustration
- Mechanical installation instructions
- Electrical installation instructions

#### Features:

Day and Night visibility of vehicles, heavy equipment, building structure and other machinery with LED technology.

- Built with the brightest LED's available in the market. Numbers set using a magnetic device
- Crisp, clear visibility throughout all day, 24 hours a day, 365 days a year
- High performance LED's deliver a rate life span of 100,000 hours
- Hard anodization, water resistant and anti-scratching, IP67 rated
- Made of aircraft grade aluminum
- Durable polycarbonate lens completely sealed, not affected by dirt, dust or oil residue
- Easy to install and absolutely **maintenance free**. Can withstand high pressure washing
- **5 year warranty**



#### **BEFORE YOU BEGIN**

Read these instructions completely and carefully.

**\*\* All electrical installations should be made by a licensed professional \*\***

#### RISK OF ELECTRIC SHOCK:

- Disconnect power at fuse box or circuit breaker before servicing or installing product
- Properly ground Identification Display

#### RISK OF ELECTRIC SHOCK:

- Use only NVIZN<sup>®</sup> power supply to power Identification Display
- Use only approved wire for input/output connection. Minimum size 18 AWG (0.82 mm)
- Follow all local codes

# VID-5C12T-ARG

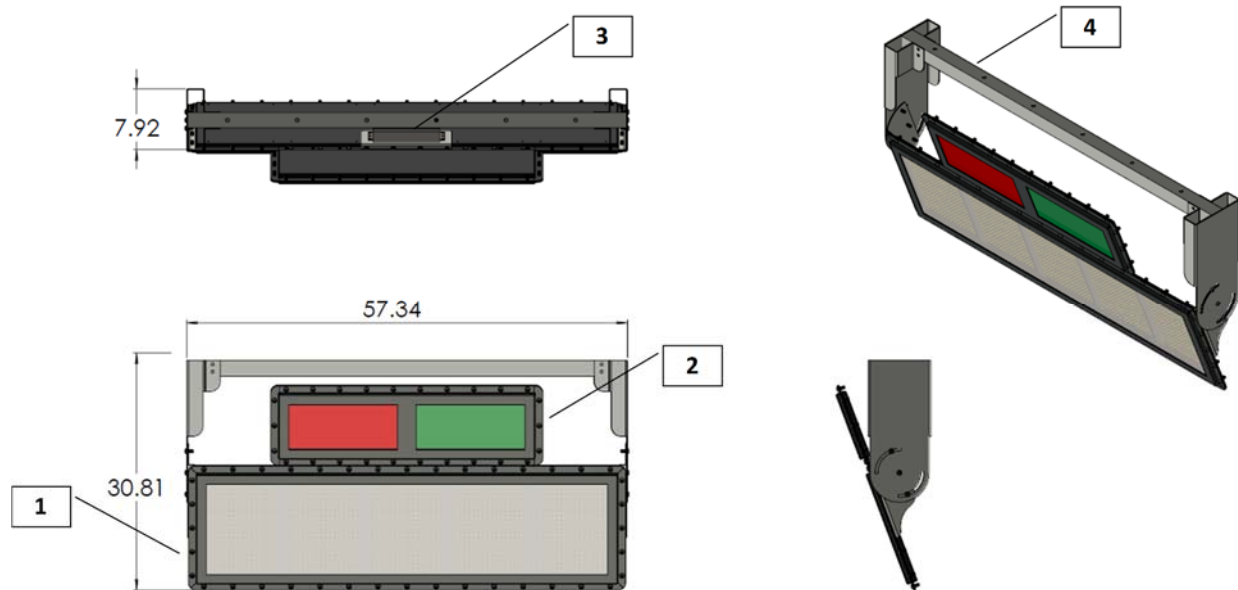
## Installation Guide

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### Packaging box contents:

Ref.	Item Number	Description	Qty
1	VID-5C12-24V-A	5 Character Vehicle ID Display: Programmable LED 12-24 volts, IP66 & IP67	1
2	VID-BL2SIG6-24V-R/G	Panel Backlit Traffic Alert Display: LED 24 volts, Weather Resistant Red/Green <b>**Magnetic Controlled**</b>	1
3	VID-110-240V PS	VID Power Supply 110-240/277 Vac to 24Vdc, 0-12.5 A With 2 Pin Male Deutsch Connector	1
4	VID-S125C-SIG	Mounitng Bracket for LED Display VID-5C12T-ARG	1

### Product Illustration:



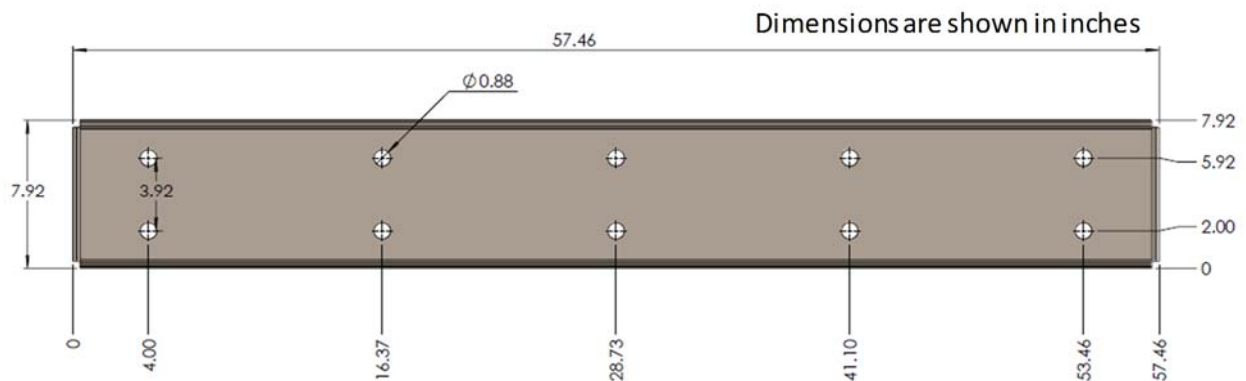
### Mechanical installation instructions:

**⚠ Warning** Identification Display must be mounted on a flat secure base that withstand a minimum of 400lbs of weight

#### Tools required:

- ✓ Safety Goggles
- ✓ Marker/Pencil
- ✓ Level
- ✓ Hammer Drill
- ✓ Standard Drill
- ✓ Drill Bit
- ✓ Tape measure
- ✓ Wrench
- ✓ Shop-Vac or Wire Brush
- ✓ Heavy duty flat mounting base (not included, to be determined by end user base on structure and product weight requirements)

1. Cut-out and install the wall-boxes that you will use for cabling.
2. Using a level, determine the desired height of the display.
3. Using a hammer drill, drill 10 holes on the mounting base to the correct diameter and hole locations of the display bracket below:



4. Clear the hole of all debris using a shop-vac or wire brush
5. Position the display mount in the desired position. Tighten all 10 bolts and nuts to ensure the display mount is secure.
6. Perform visual inspection to ensure that the display is firmly secure on the base structure.

### Electrical installation instructions:



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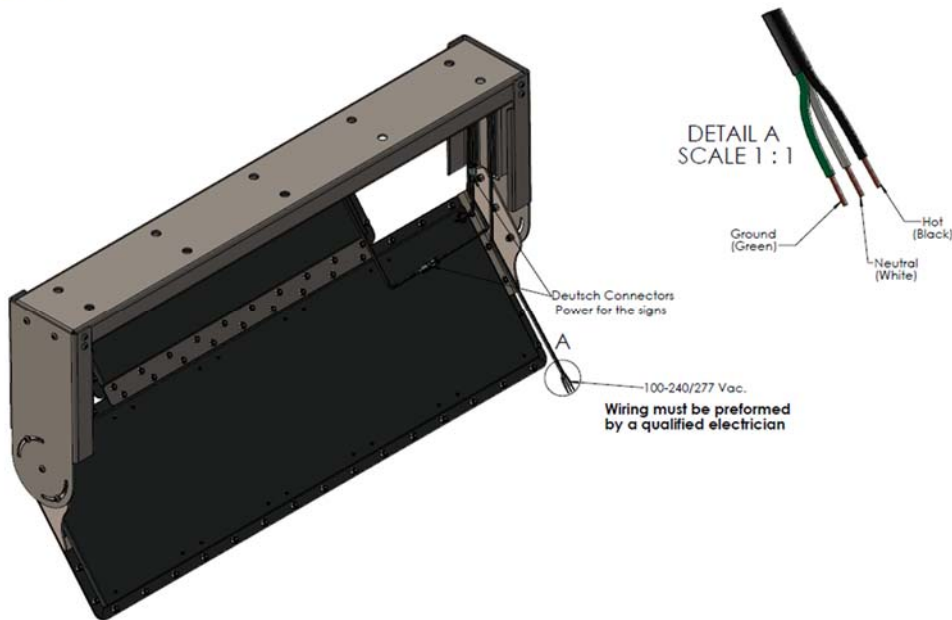
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Use the supplied magnet to change the display characters and the traffic display colors.



Output Voltage	Input Voltage	Max. Output Current	Max. Output Power	Typical Efficiency	Power Factor	
					110Vac	220Vac
24 Vdc	90 ~ 305 Vac	12.5 A	300 W	93.0%	0.99	0.96