

IP66 CVC3 (CC1-36)

IP66 3-CHANNEL CONSTANT VOLTAGE LED TAPE DRIVER



Functional Features

- CVC3 supports standard RGB Tape such as ENTTEC 9VL4
- Each CVC3 unit can control up-to 3 dimmable channels of LED tape using PLINK data (either RGB or three individual single colour strips)
- Each PLINK run allows a maximum of 1024 DMX channels (2 universes) to be driven; this can be used to control 1020 single colour tapes
- Automatic incremental addressing when units are daisy chained together
- This device is compatible with ENTTEC Pixelator family
- Requires and external DC power supply
- PLINK data extensions up-to 300 meters over cat6 cable

- Scalable design for large projects

Mechanical Features

- Machined 6061 aluminium enclosure - light weight, rugged, impact resistant, long lasting, corrosion resistant, UV resistant)
- Anodise type II closure treatment and 2 step electrolytic dying - excellent outdoor resilience, corrosion resistant, colour will resist fading caused by UV exposure
- 304 stainless fasteners (corrosion resistant)
- Self-retaining screws (screws will not be lost when installing)
- Premium cable glands (nylon, cable diameter Ø3mm-10mm for installation flexibility)
- Fixed cable glands for easy use (cable glands will not rotate when tightening)
- Breath seal (automatic pressure

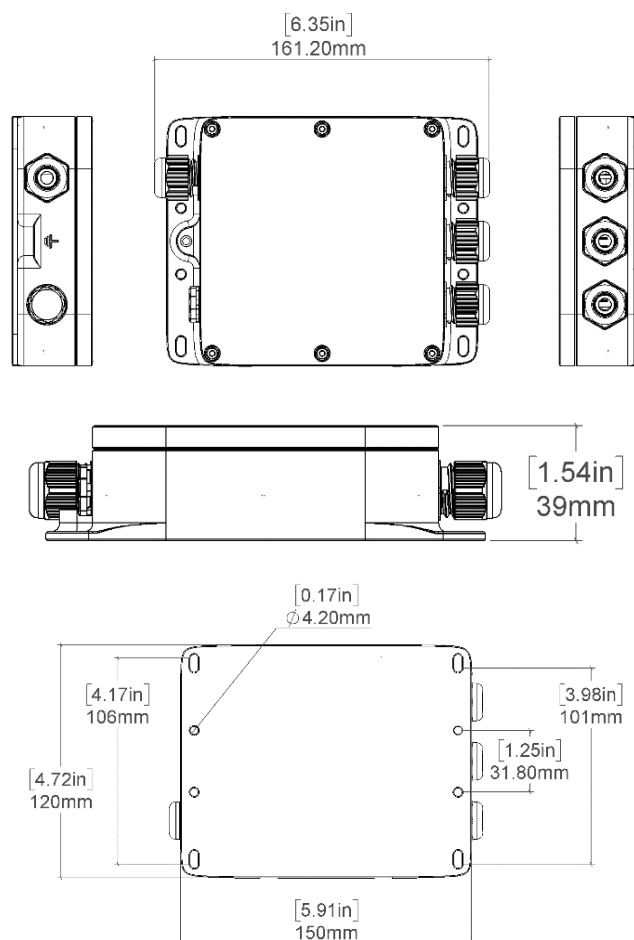
equalisation, manages condensation to avoid electronic failures)

- IP66 enclosure (powerful water jets, high pressure washdown resistant)
- High power screw down cage terminal blocks for secure wiring
- Krone punch down terminal for fast secure data wiring
- External earthing thread – reduces electronic failures
- Broad operating temperature (suitable for various environments)
- Multiple fixing points (flexible installation)

Safety

- Never plug PLINK ports in to Ethernet outlets.
- Make all the connections before you plug in the main power supply.
- Do not exceed the ratings of the device.

Physical Dimensions



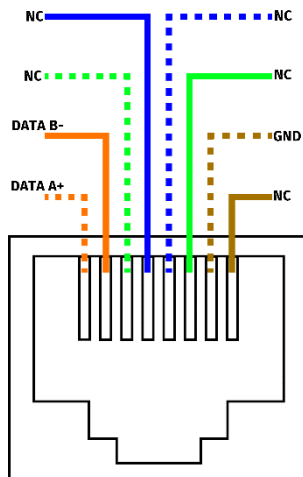
Hardware Terminal Specifications

- **Plink Data connection:** Punch down terminals, use a krone punch down tool.

Notes:

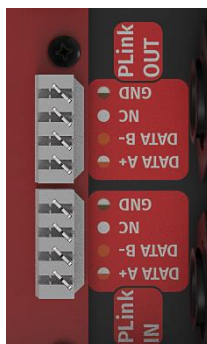
- Plink system only works with CAT5/6 straight-through cables, do not use crossover cables.

- **Plink Pinout**

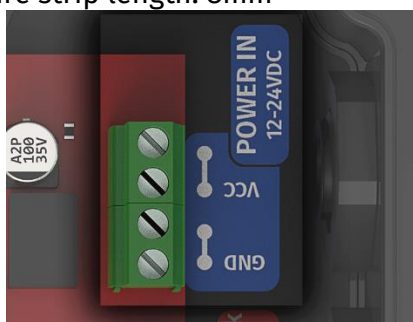


CC1-36 CVC3 Punch down pinout

| Wire Colour | DMX Signal |
|--------------|------------|
| Orange/White | Data A+ |
| Orange | Data B- |
| Brown/White | GND |



- **Power supply connection:** Green terminal blocks
Wire strip length: 8mm



Ordering Information

| Part Number | Description |
|-------------|----------------------|
| 73921 | CC1-36 CVC3 (12-24v) |

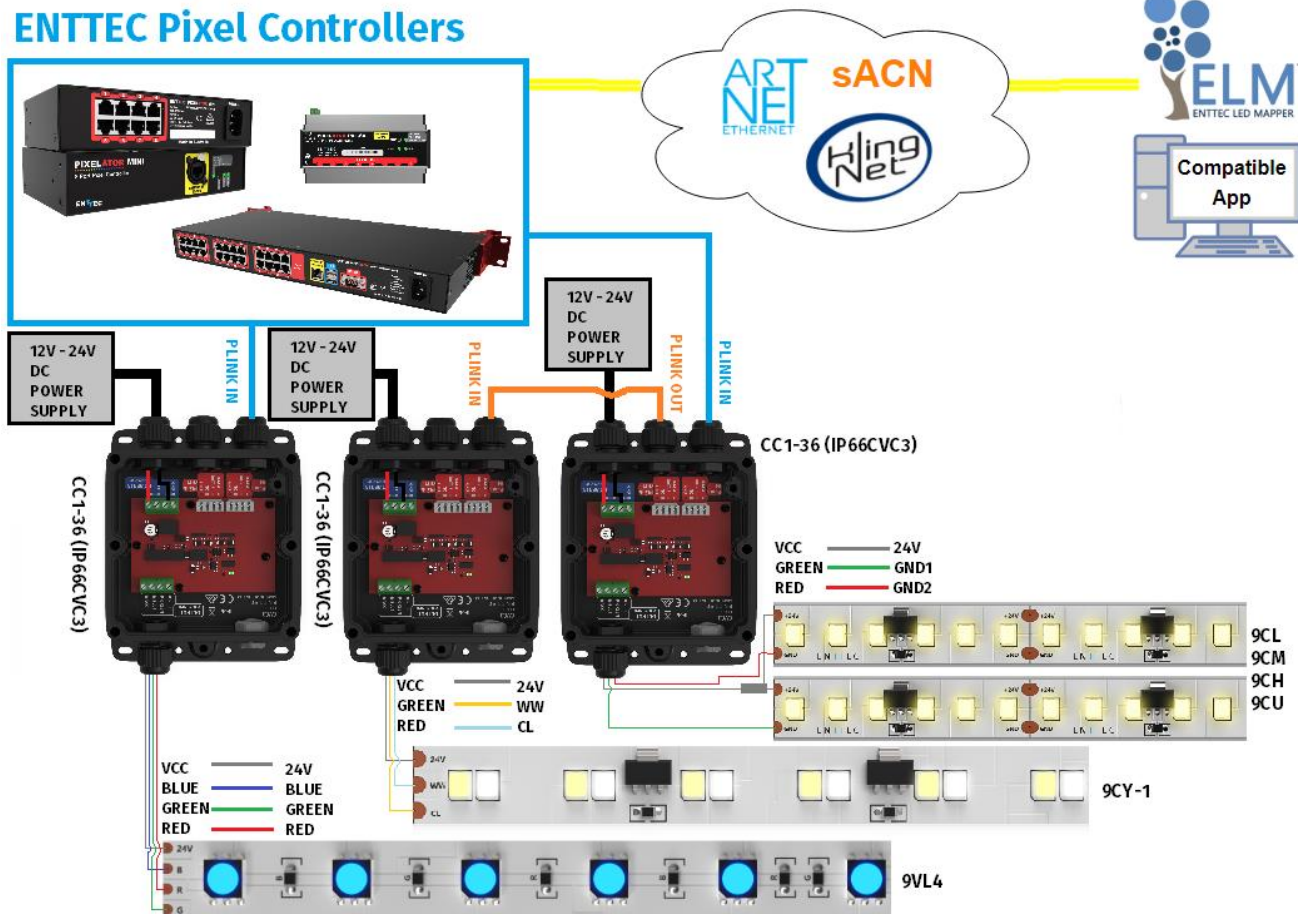
Specifications

| Item | Details | |
|---|--|-------|
| Input Voltage | 12-24v DC | |
| Maximum Total Output Power | 12V | 120 W |
| | 24V | 240 W |
| Output Current (Max) Per Pin (Screw Terminal) | 5 A per Channel | |
| Data In | PLINK | |
| Data Through | PLINK | |
| Data Refresh Rate | 400 Hz | |
| Ambient Operating Temperature | -15 °C to 40 °C -15 °C to 60 °C (IF NOT IN DIRECT SUNLIGHT) | |
| Storage Temperature | -20 °C to 80 °C | |
| IP Rating | IP66 | |
| Cable glands | 3 to 10mmØ round cable only | |
| Unit Weight | 625 g / 1.378 lb | |
| Shipped weight | 840 g / 1.85 lb | |
| Length | 161.20mm/6.35 inches | |
| Width | 120mm/4.72 inches | |
| Height | 39mm/1.54 inches | |
| Internal Connectors | 4-way punch down (suits krone) x 2 4 pin screw terminal x 2 | |

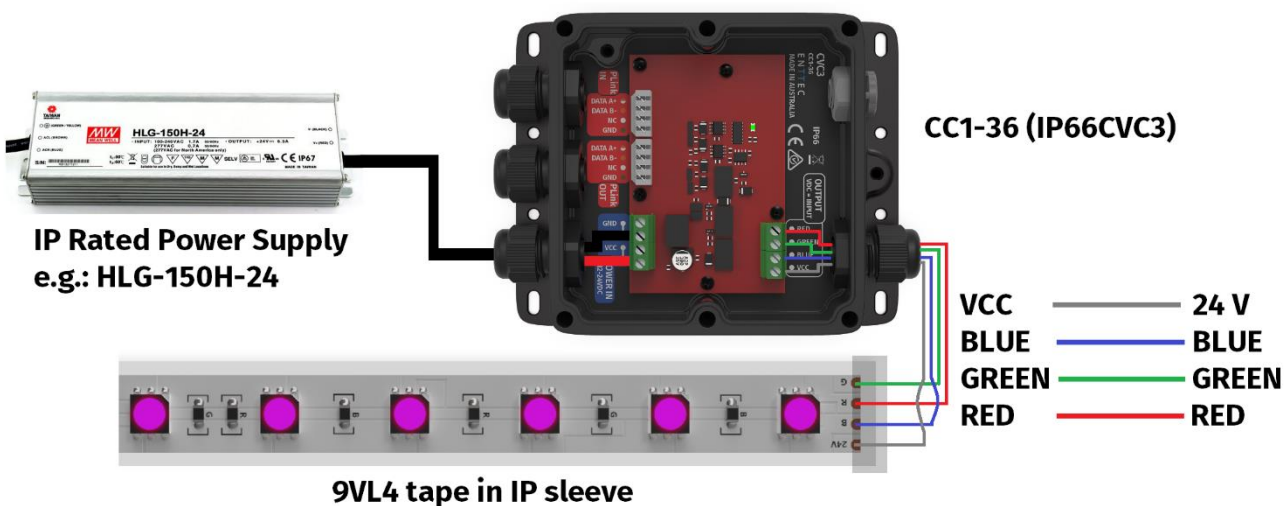
Due to continuous improvements and innovations of all ENTTEC products, specifications and features are subject to change without notice

Application Diagram

ENTTEC Pixel Controllers



Possible End to End IP Solution



enttec.com

MELBOURNE AUS / LONDON UK / RALEIGH-DURHAM USA