



# TTL/USB Converter UC-01

---

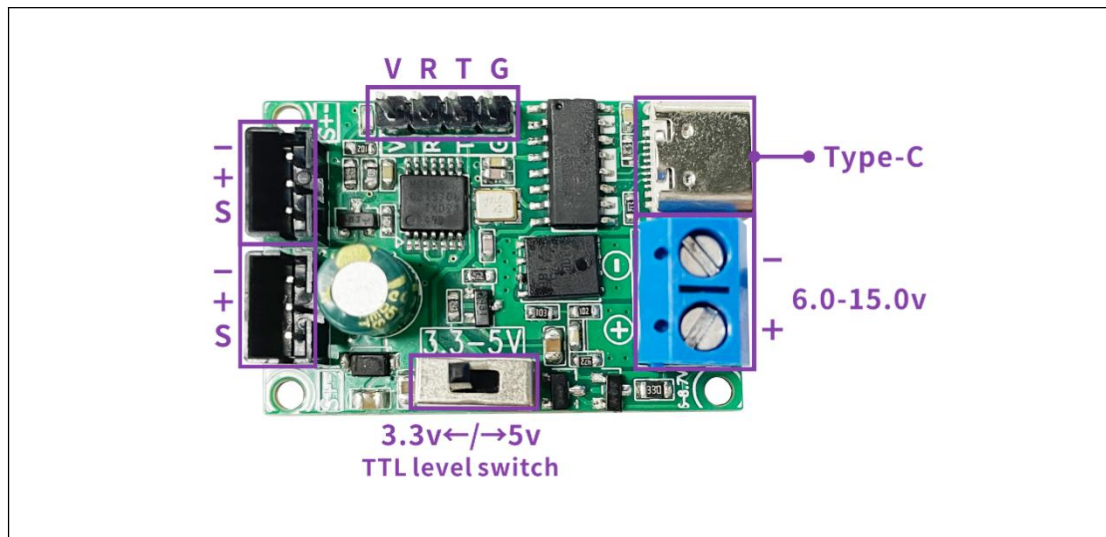
## Features

- Supports half-duplex to full-duplex TTL signal conversion
- Selectable TTL levels: 3.3v / 5.0v
- Enables ID configuration and parameter adjustment for bus servo
- Facilitates communication between TTL devices and PCs or other host platforms
- Provides reverse polarity protection to enhance circuit safety

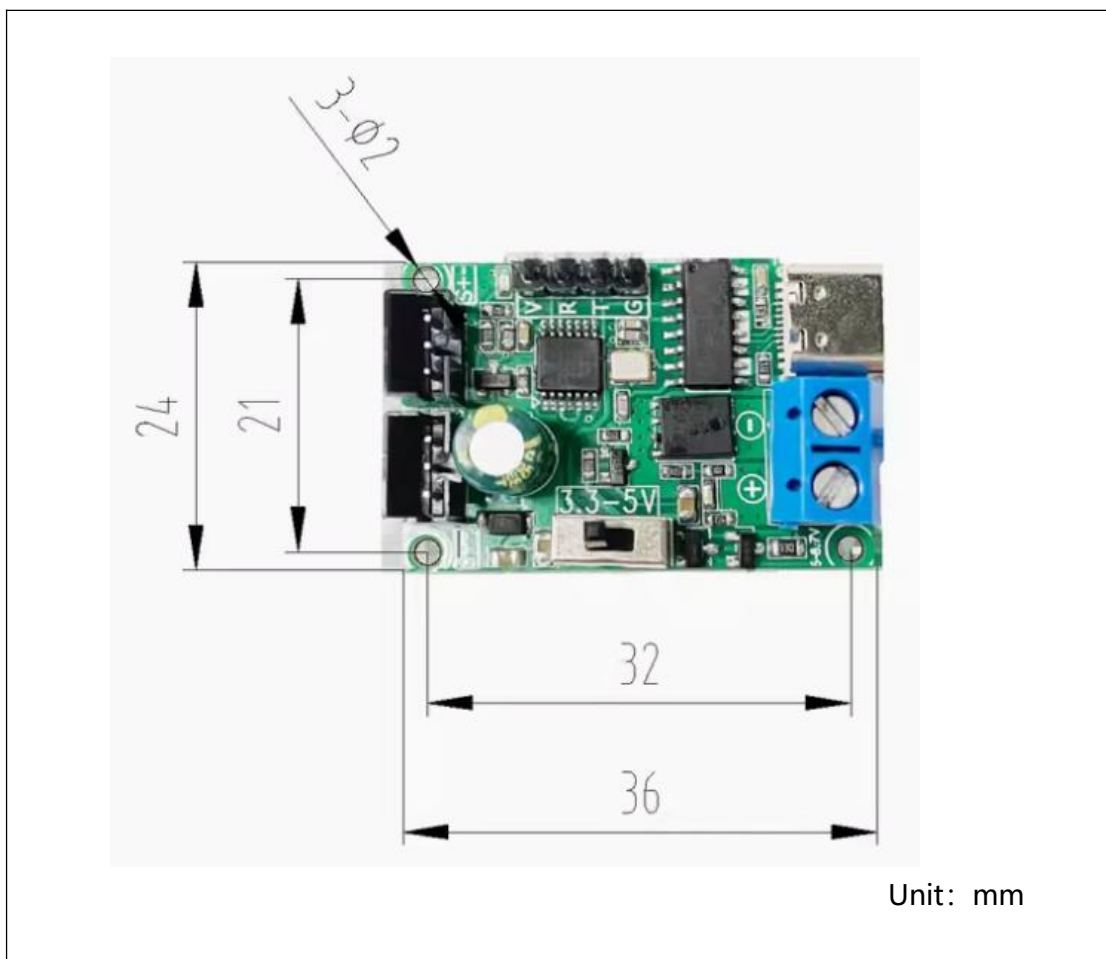
## 1 Specifications

| Item                  | Specifications                        |
|-----------------------|---------------------------------------|
| Input Voltage         | 9.0-15v                               |
| Signal conversion     | Half-duplex to full-duplex conversion |
| TTL level             | 3.3v   5.0v                           |
| Peak Current          | 20A                                   |
| UART output           | 1                                     |
| Data interface        | Type-C                                |
| Operating Temperature | -10 ~ 60°C                            |
| Protection features   | Reverse polarity protection           |
| Interface             | PH2.0 × 2                             |
| Mounting holes        | M2.0 × 3                              |
| Power LED             | Red                                   |
| Dimensions(W×H)       | 36×24mm                               |
| Weight                | 5g                                    |

## 2 Interface Definition



## 3 CAD Dimensional Drawing



## 4

