

oToBrite



GMSL2 Repeater



Overview

The GMSL2 repeater acts to extend the transmission distance. The device contains one GMSL2 input and one GMSL2 output port.

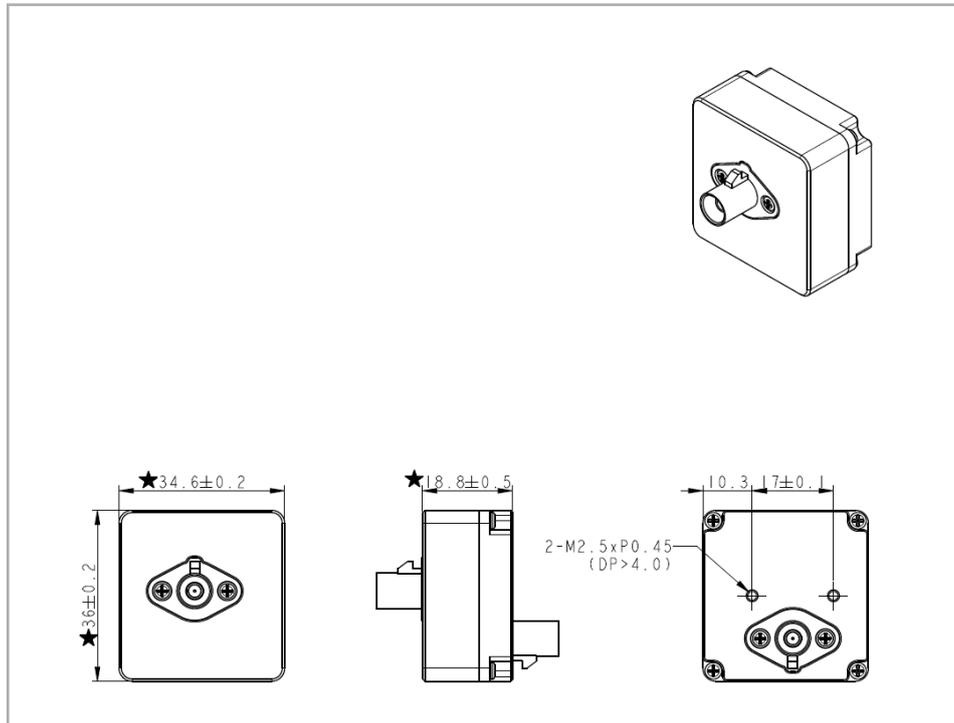
Specifications

• General Specifications

| Item | Specifications | Remark |
|---------------------------|---|--|
| Video Input | GMSL2 (MAX9296), FAKRA | Initialization setting through backward channel (I2C interface) |
| Video Output | GMSL2 (MAX9295A), FAKRA | Initialization setting through backward channel (I2C interface) |
| Power Source | 10.5 ~ 17V DC (POC) | Bypass from Serializer to Deserializer POC |
| Connector | Fakra Type Z | |
| Data Rate Supported | 6Gbps | |
| Power Consumption | 1.3W Max | Not including the camera power consumption |
| Operating Temperature | -40°C ~ +85°C | |
| Storage temperature Range | -40°C ~ +95°C | |
| Waterproof | IP69K (under the certain condition as the remark) | The repeater would be IP69K when the fakra connector is connected to the cable connector capable of the IP69K. |
| Dimension (mm) | 34.6mm*36mm*19mm | |

Outline Drawing

- GMSL2 Repeater Mechanical Dimensions



driving easier and safer



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