

Handling Information

Product name : CA378-AOIS_USB3-IFB

Notes on Handling

This I/F Board is designed to be assembled into electronics. When using it, ensure safe design by heeding the following precautions. Please refer to the product specification for details.

1. Use Restrictions

- You should not use the Products for critical applications which may pose a life- or injury-threatening risk or are highly likely to cause significant property damage in the event of failure of the Products. You should consult your sales representative beforehand when you consider using the Products for such critical applications. In addition, you should not use the Products in weapon or military equipment.
- CenturyArks(CA) is not responsible for any direct or indirect damage such as loss of stored data or damage to equipment caused by failure or use of this product.
- When installing and using this product, be sure to follow the warnings and precautions issued by the PC manufacturer and peripheral device manufacturer.
- This product and the application provided by CA do not guarantee the operation for all Windows10 Computers.
- When using this product, secure the camera module's head with double-sided tape etc.

2. Prevention of Electrostatic Discharge (ESD)

The ICs included by I/F Board can easily be damaged by static discharge. When handling the I/F Board, take the following measures to prevent static discharge.

- (1) Either use non-chargeable gloves, clothes or material. Also use conductive shoes.
- (2) Use a wrist strap when handling directly.
- (3) Install grounded conductive mats on the floor and working table to prevent the generation of static electricity.
- (4) Ionized air is recommended for discharge when handling I/F Board.
- (5) For the shipment of mounted boards, use boxes treated for the prevention of static charges.

3. Notes on storage and operating environments

Do not store or use the I / F board in areas that generate high temperatures, high humidity, or corrosive gases or dusty areas.

4. Mechanical strength

- (1) This I/F Board is a component and, as such, care must be taken to avoid subjecting it to excessive mechanical impact and other forces.
- (2) The strength of the USB connector and circuit board bonding is weak so care must be taken to avoid applying force in the direction in which the USB connector will be peeled off.

5. Remodeling

Do not attempt to remodel or rework the I/F Board. Absolutely no guarantees will be given in the event that a I/F Board has been remodeled or reworked.

6. Safety standards

This product is designed to be used safely as a general electronic component assumed by us. When integrating into corporate products, follow the procedure for ensuring compliance with the safety standards set by the relevant country. This product is intended to be used as part of a product mounted in an electrically isolated case, as shown in section 8 of the instructional material. In order to reduce EMC noise, it is recommended to shield the case around with metal foil.

7. Exemption particular

This product can not be guaranteed for any damage that occurs after being incorporated into your product. Please evaluate sufficiently in customer's product.

8. Application and Sample case download

Download the image output application "CA_ViewER" and sample case file(step format) from the CenturyArks website.