CIS User's Guide

Tichawa *Vision* GmbH

Scan Width > Object Width + Margin

Resolution

Transport Speed

http://tichawa.com/downloads.html
(Downloads – Software)

Proper Wiring

Illumination

View Parametric Drawing

View STEP File

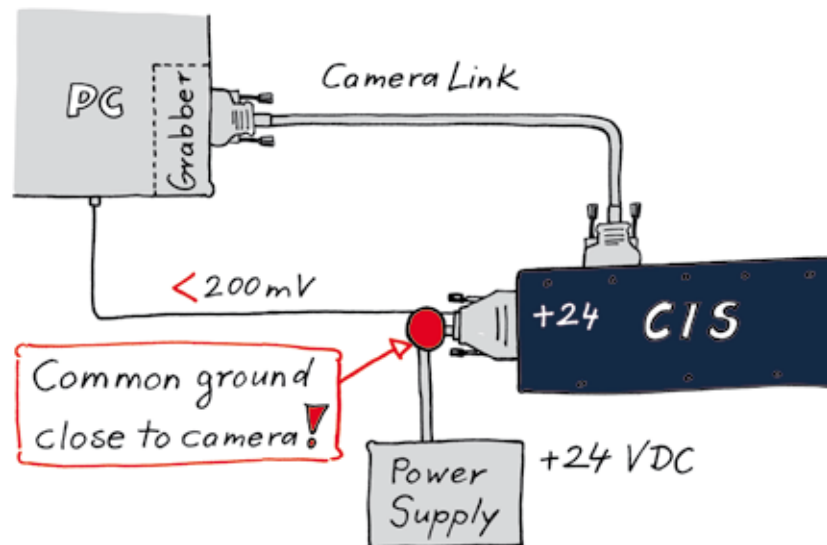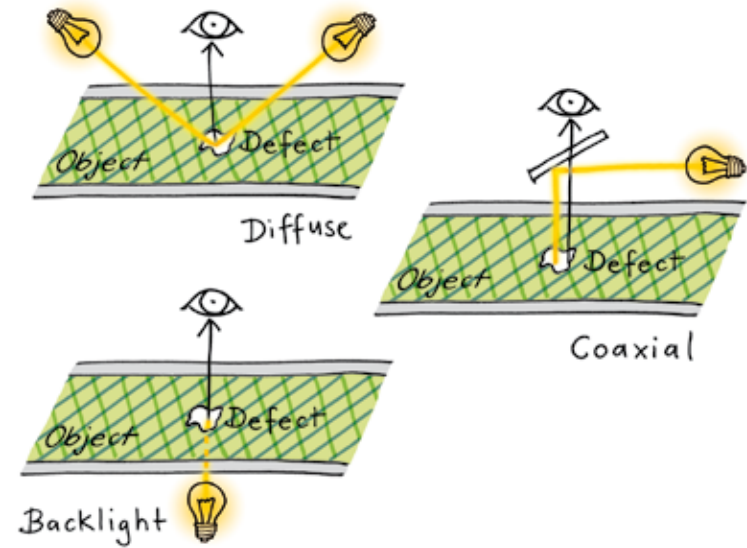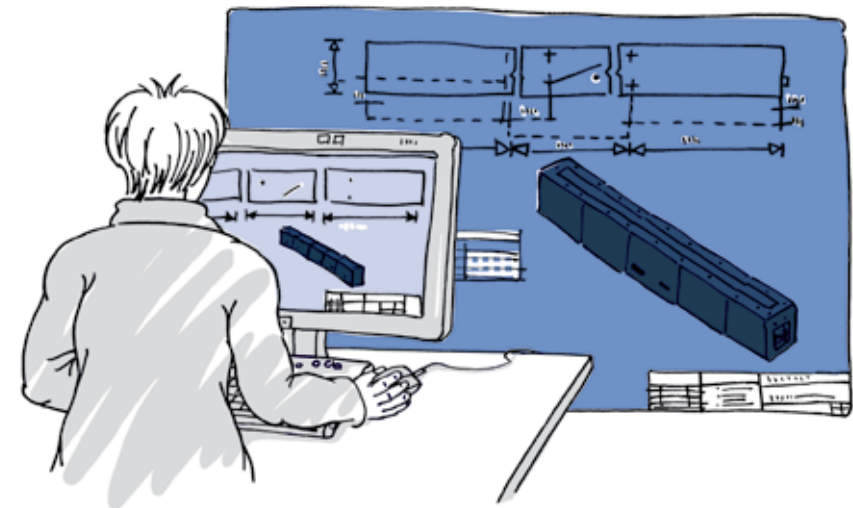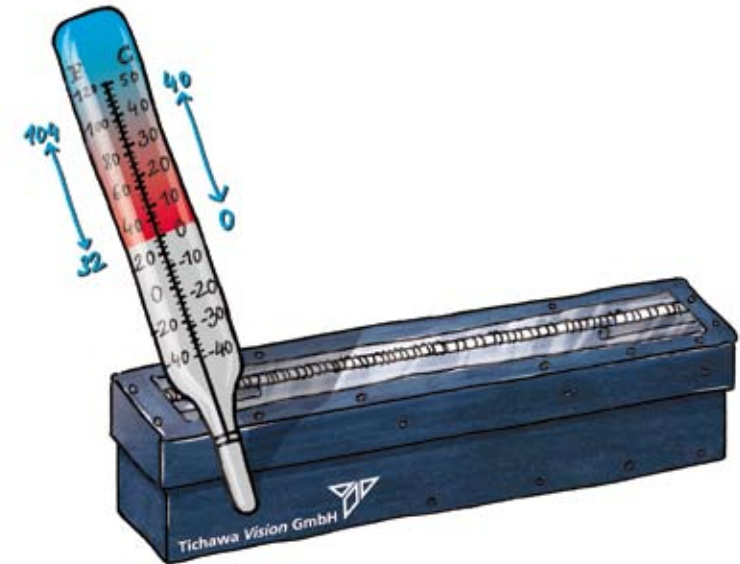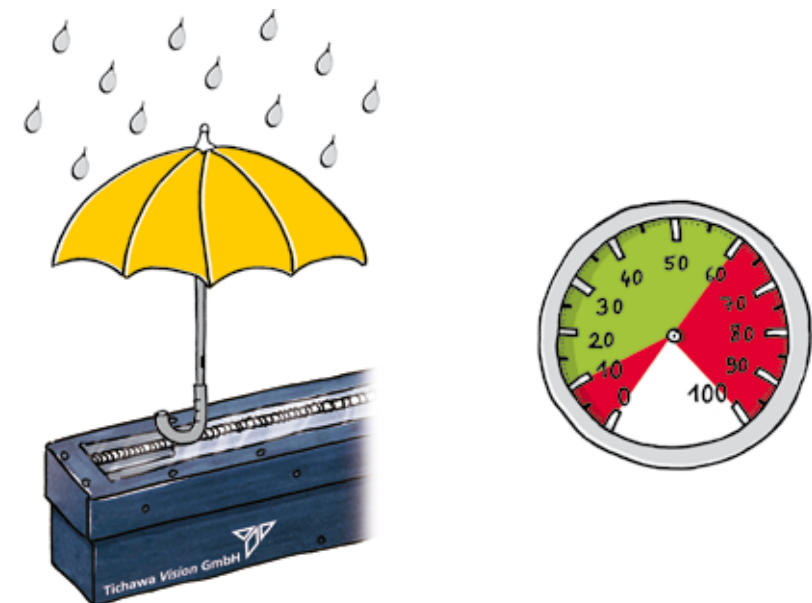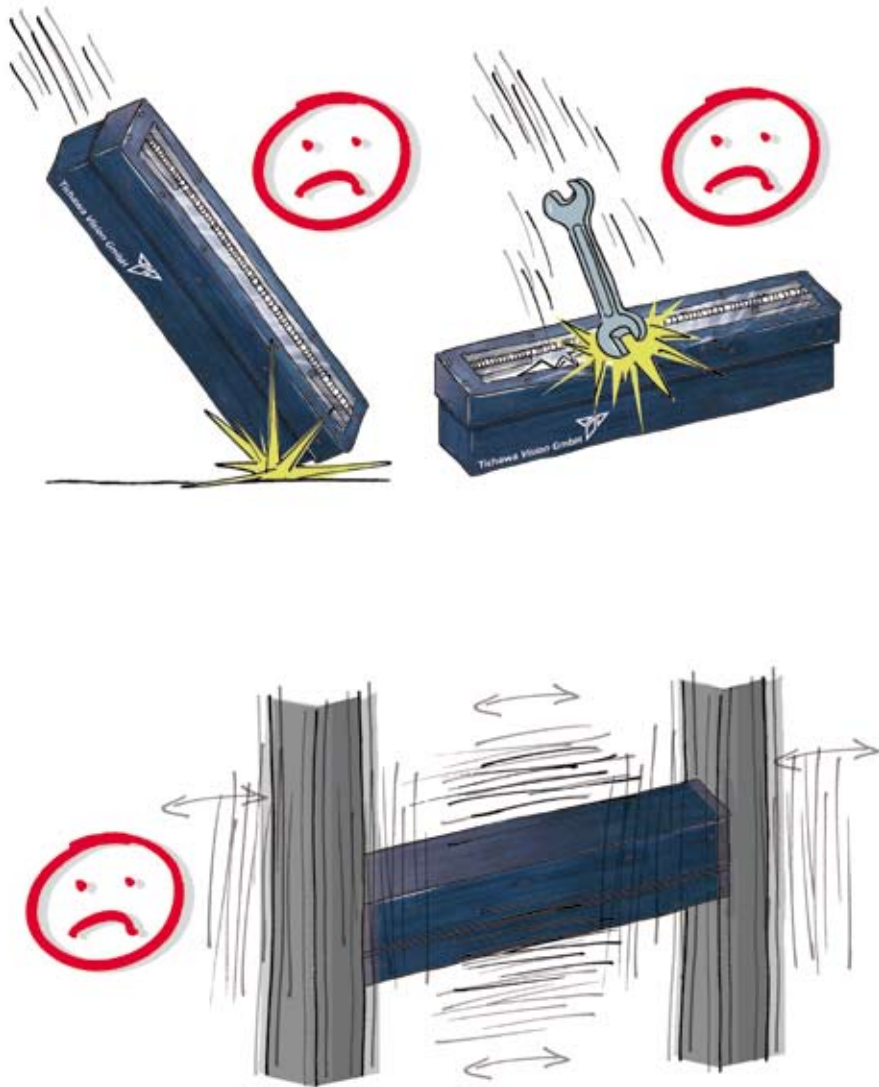## Integrate STEP File into your model
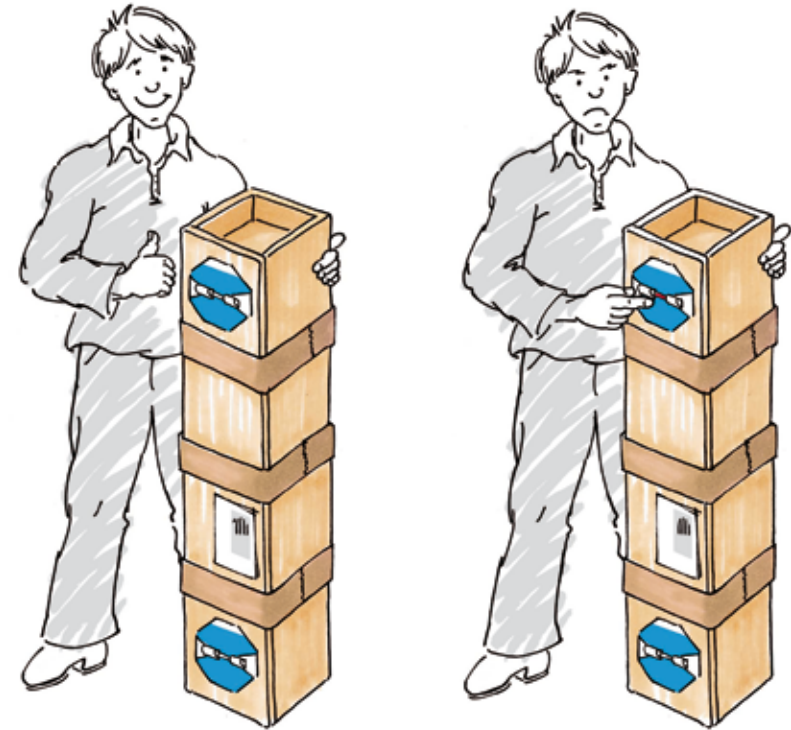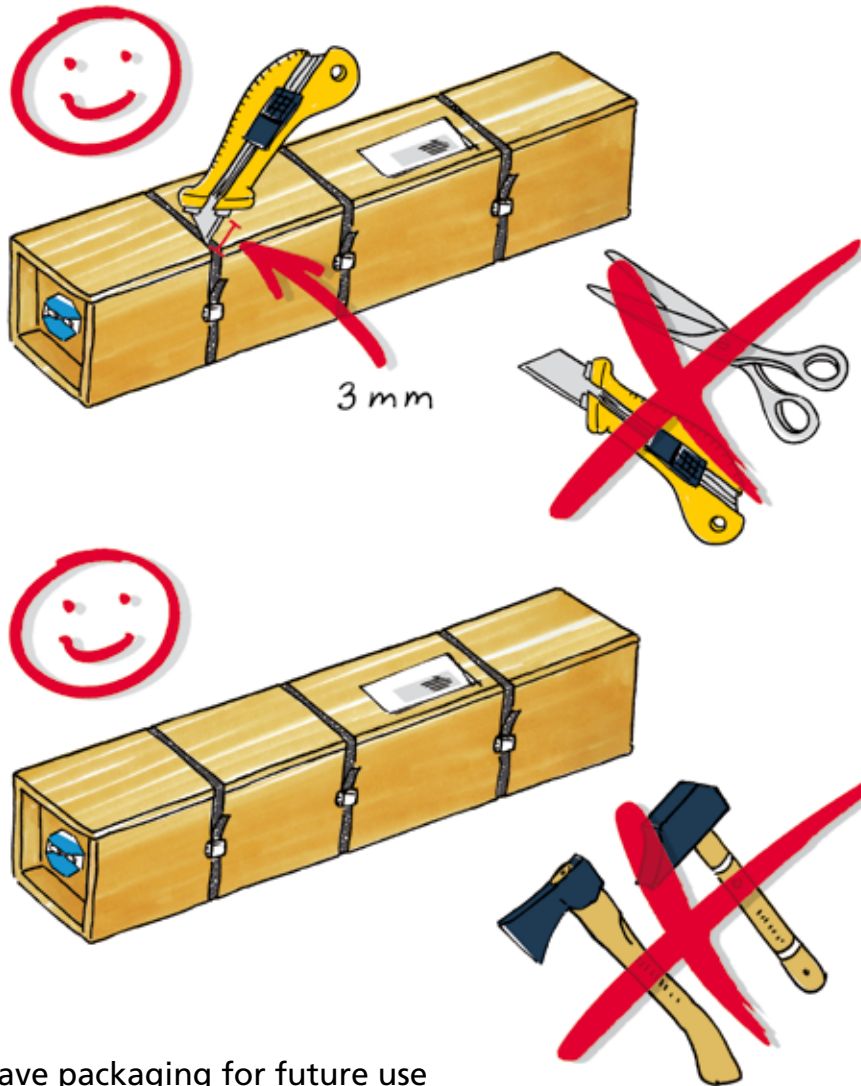

Case Temperature

Humidity

Shock & Vibration

Check Shockwatches
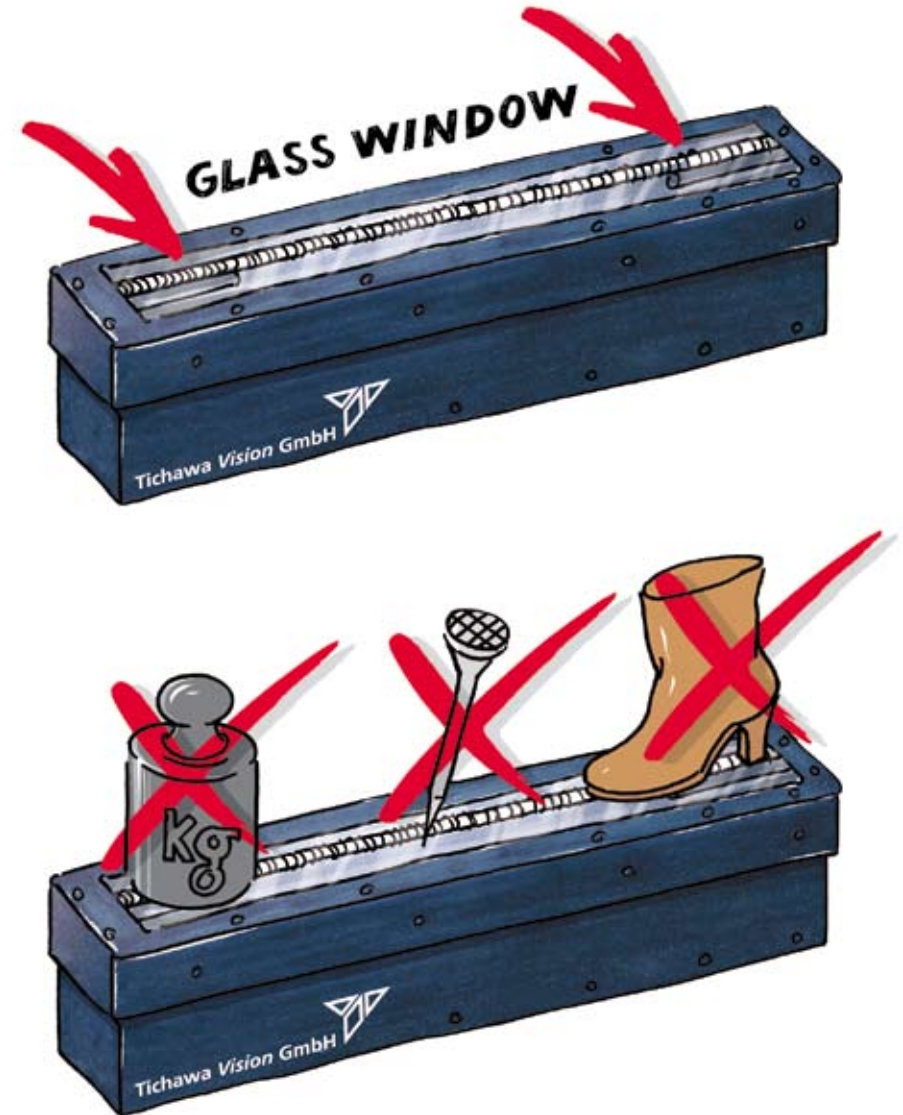
No long knives, scissors, axes or hammers

3 mm

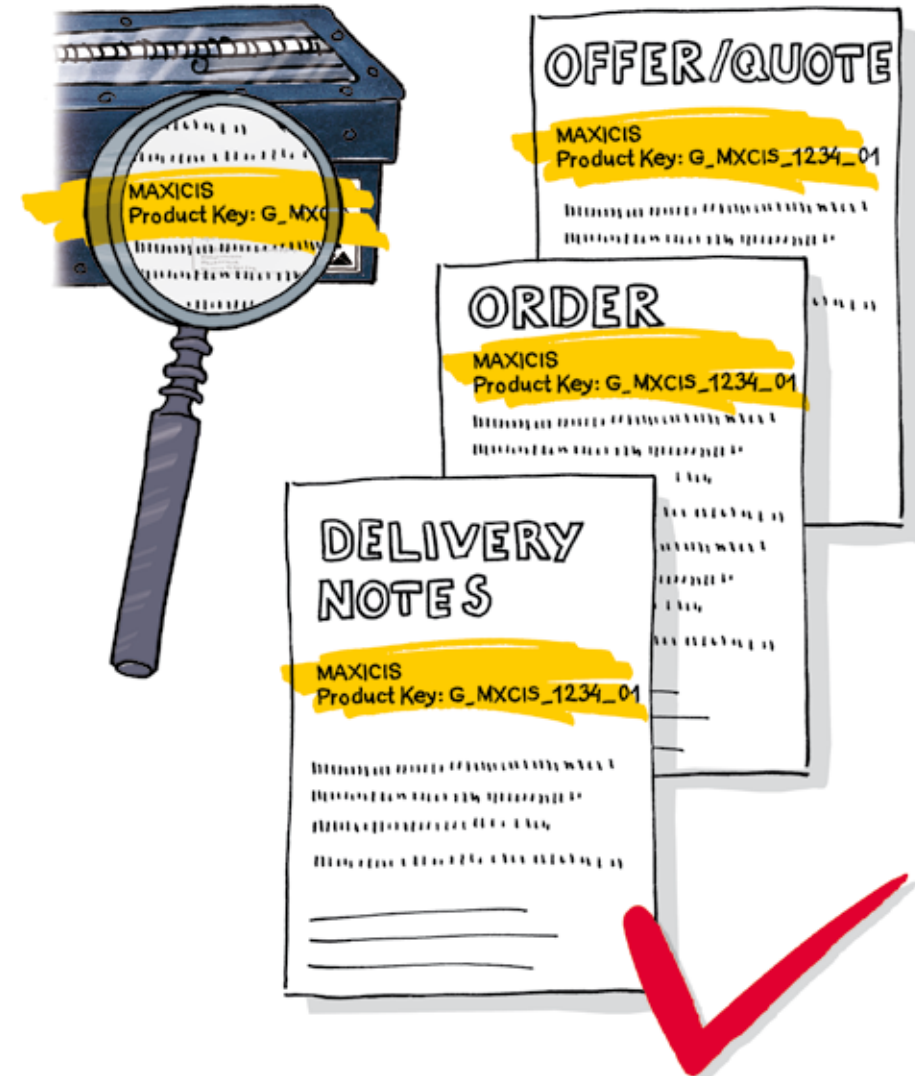Save packaging for future use
if repairs are necessary

Protect Glass Surface

GLASS WINDOW

Tichawa *Vision* GmbH

kg

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Check Camera Type Label

ESD Protection

Compare Product Label with shipping documents

OFFER/QUOTE

MAXICIS
Product Key: G_MXCIS_1234_01

ORDER

MAXICIS
Product Key: G_MXCIS_1234_01

DELIVERY NOTES
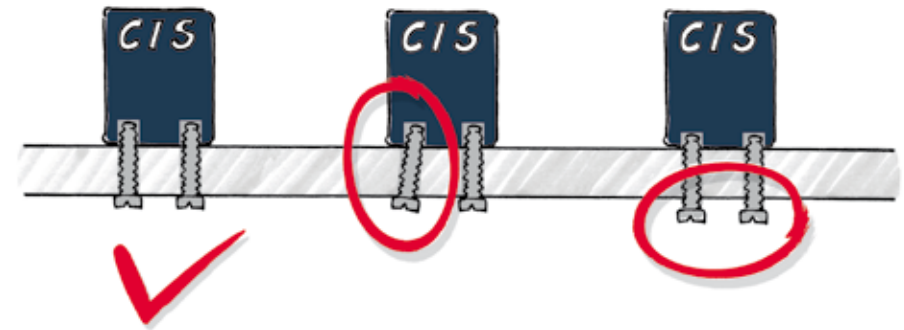
MAXICIS
Product Key: G_MXCIS_1234_01

Use parametric drawing

View STEP File

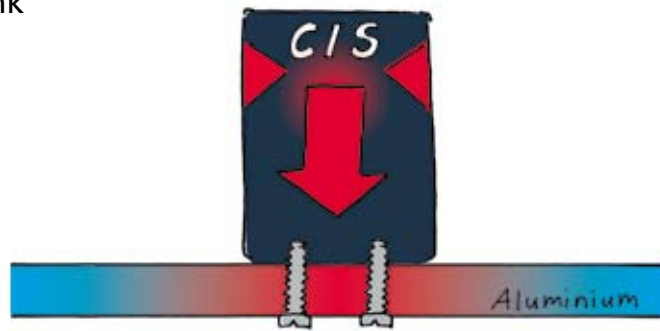## Use screws of proper length and thread

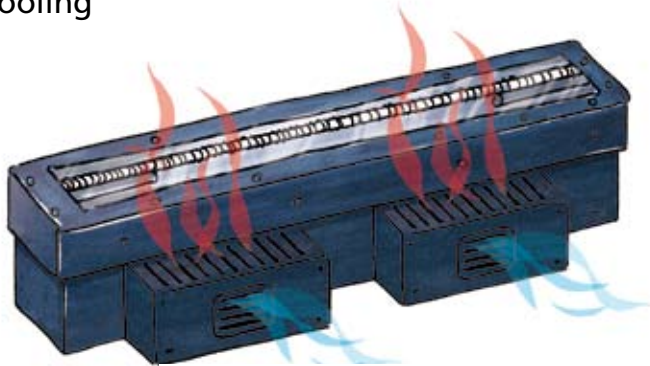## Mount on flat and even carrier only
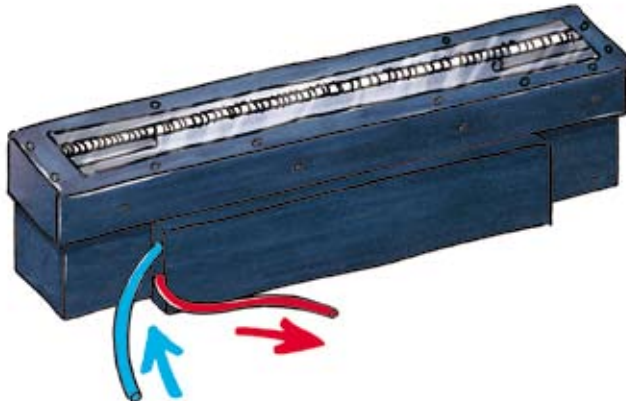
Provide proper heatsinking

Chassis heat sink

Air cooling
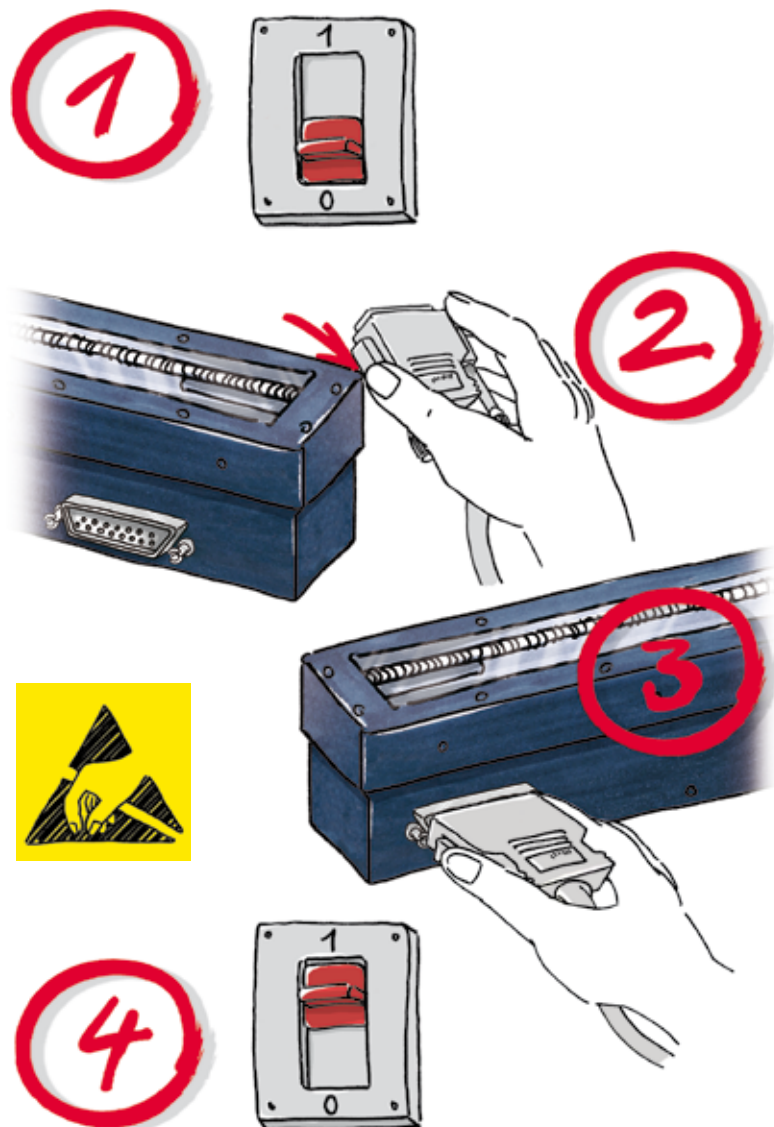
Liquid cooling

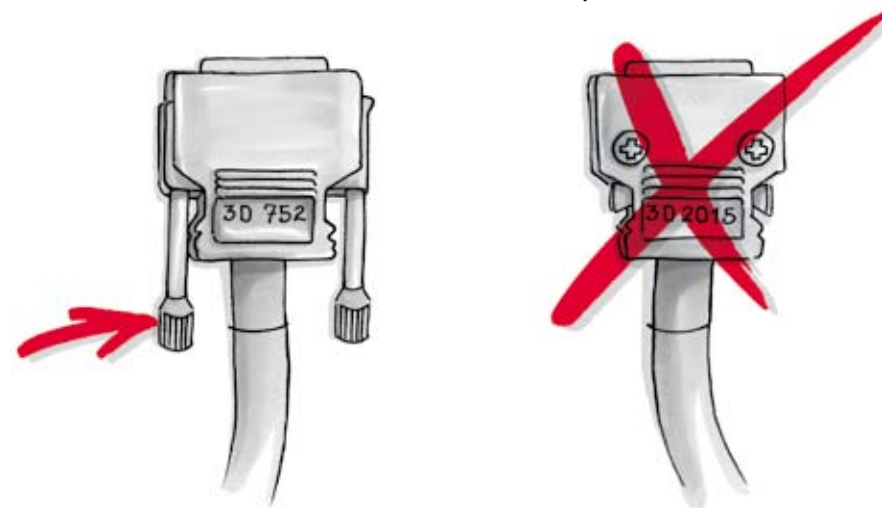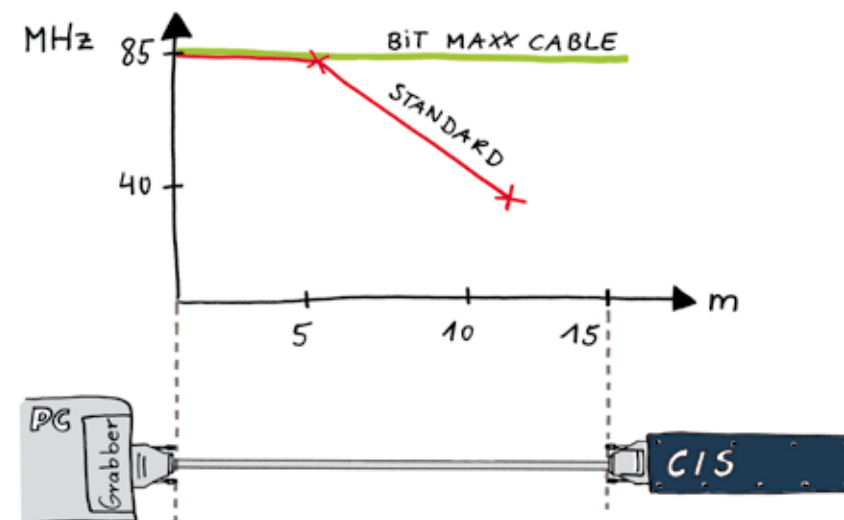## Check Camera Type Label

ESD Protection

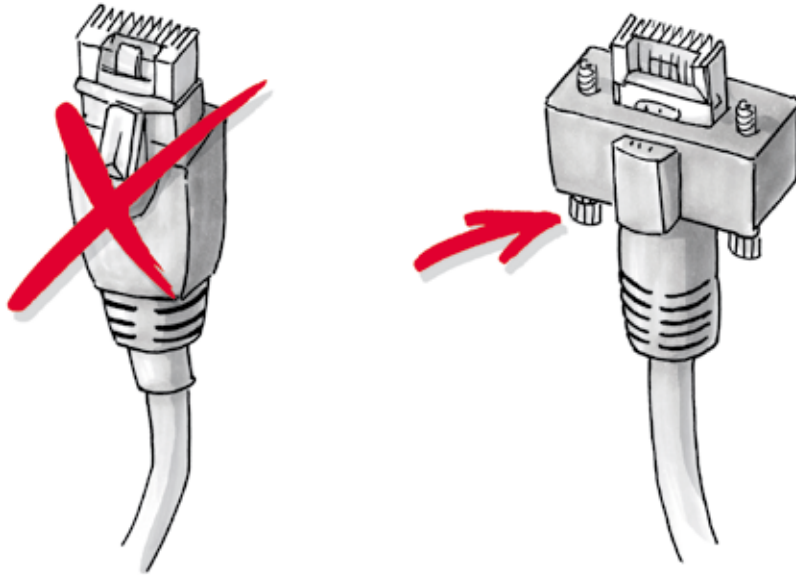## ESD Protection

Camera Link Cable
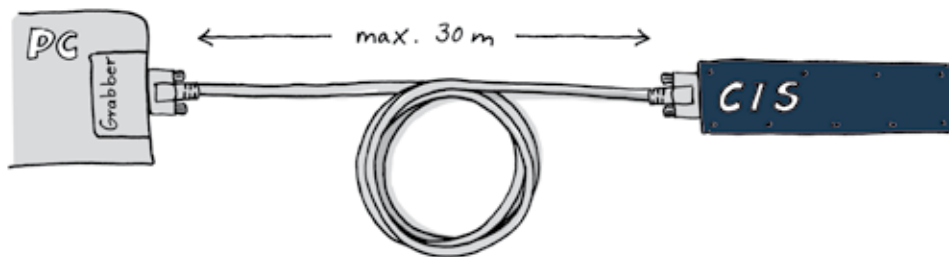Use connectors with screws, not with clamps
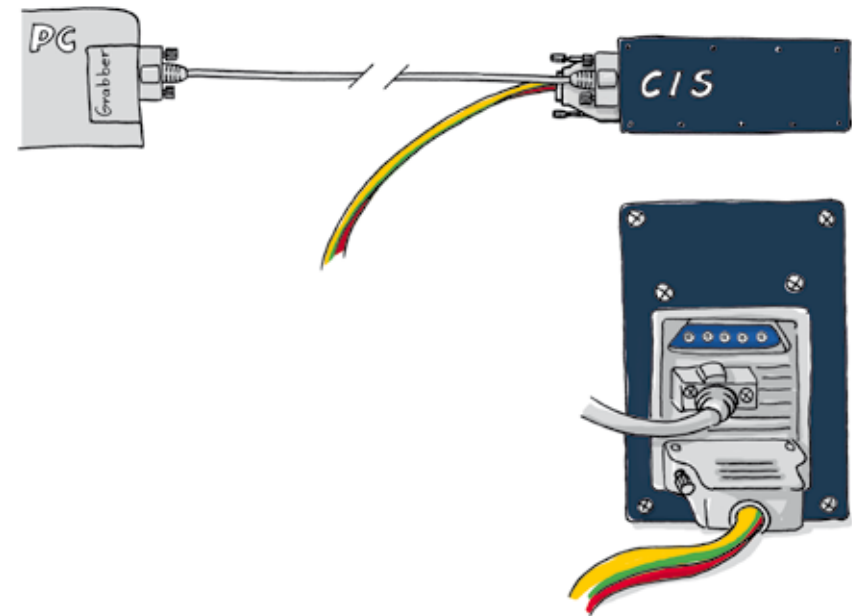

Camera Link Cables for Extended Length

GigE Cable –
use connectors with screws

GigE Cable Length

Triggering GigE Cameras
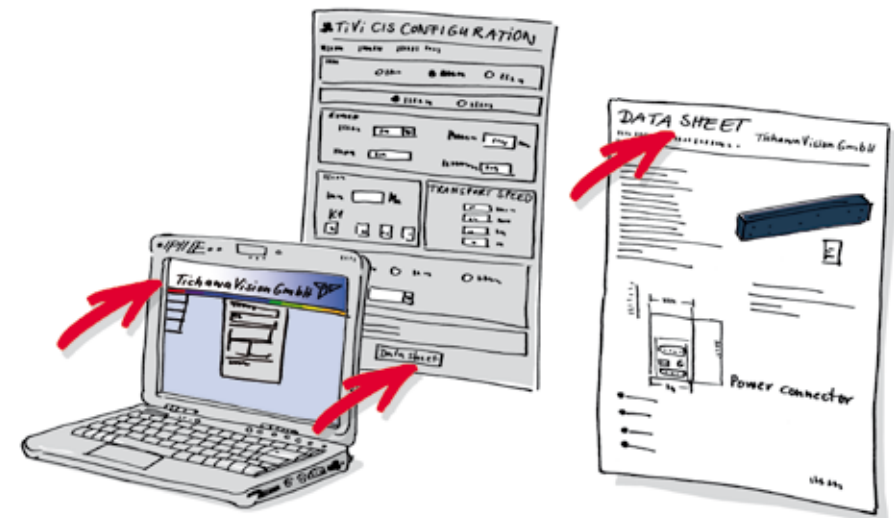
Be sure you are familiar with the CIS Operating Manual
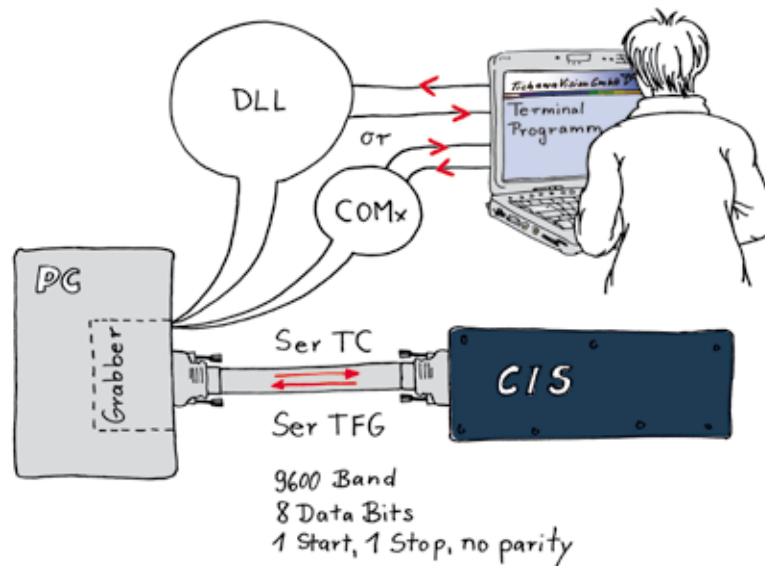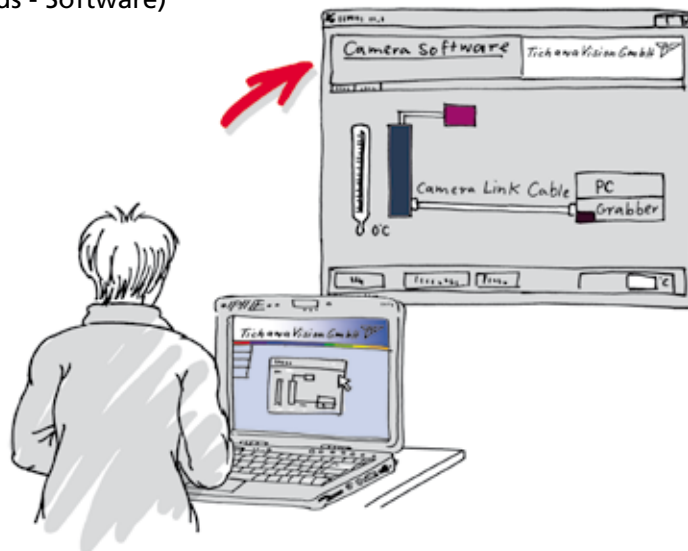
Check Camera Link Standard

http://tichawa.com/downloads.html
(Downloads – Software)

Check Data Rate

Check Serial Communication

Use TiVi Terminal Program
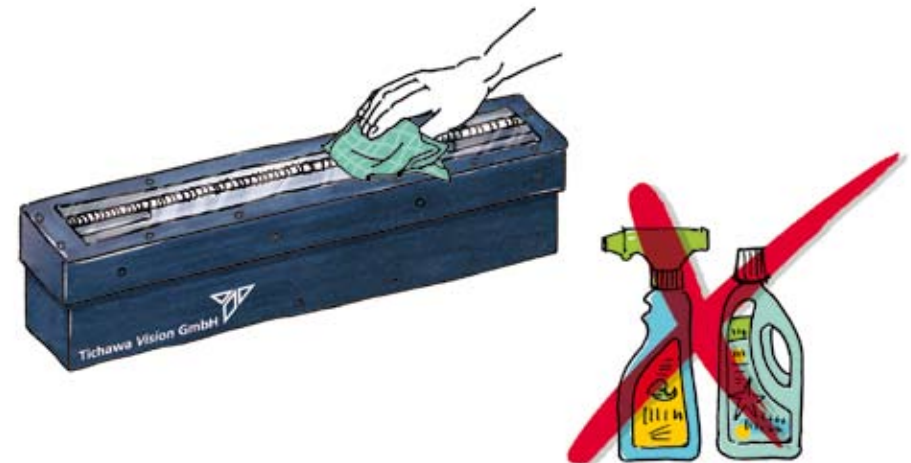
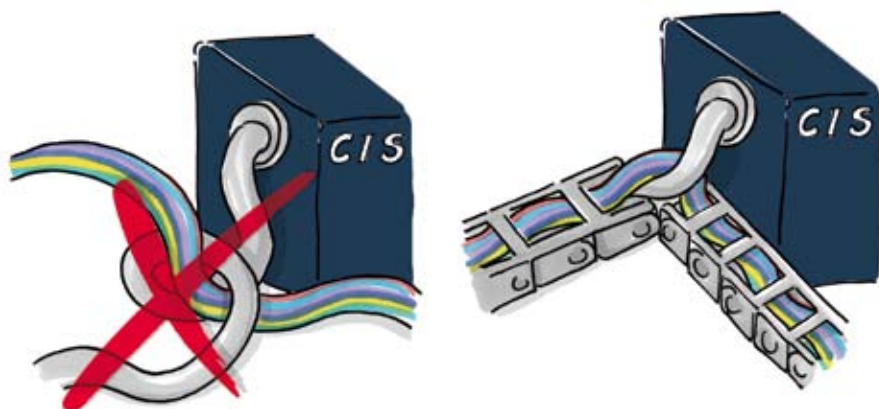http://tichawa.com/downloads.html
(Downloads - Software)

Keep free from dust and dirt

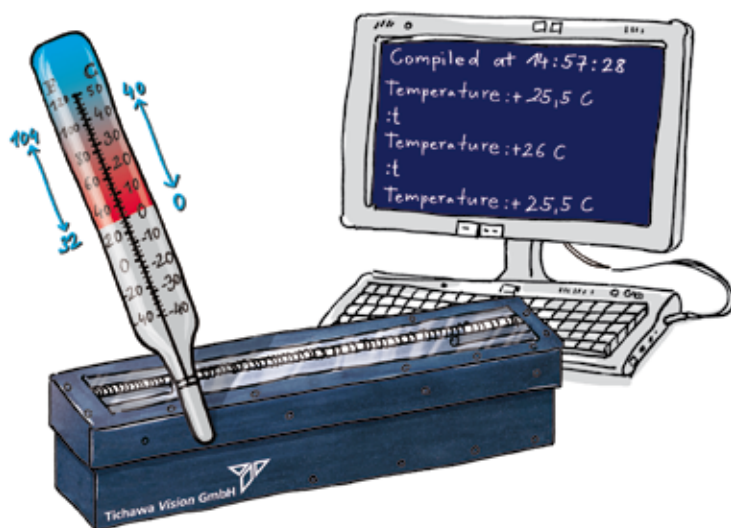## Clean window regularly with soft cloth
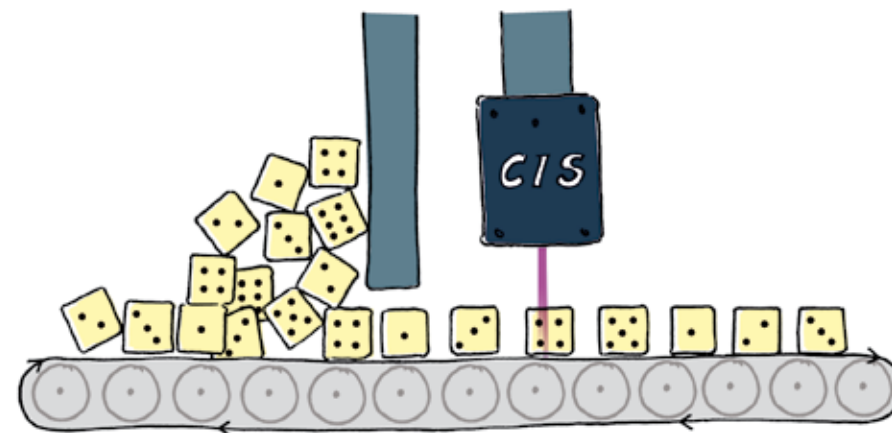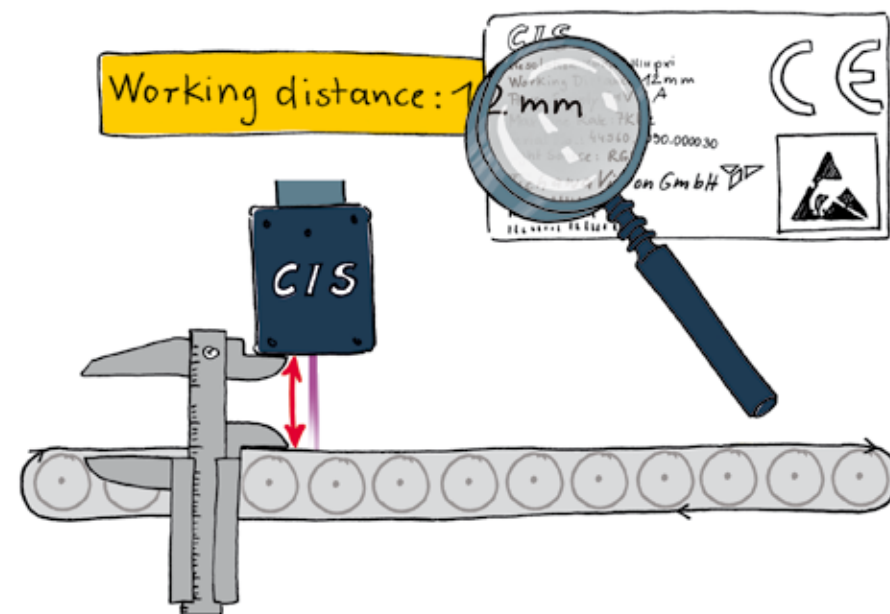
Prevent Cable Wear

Keep case temperature low to increase lifetime
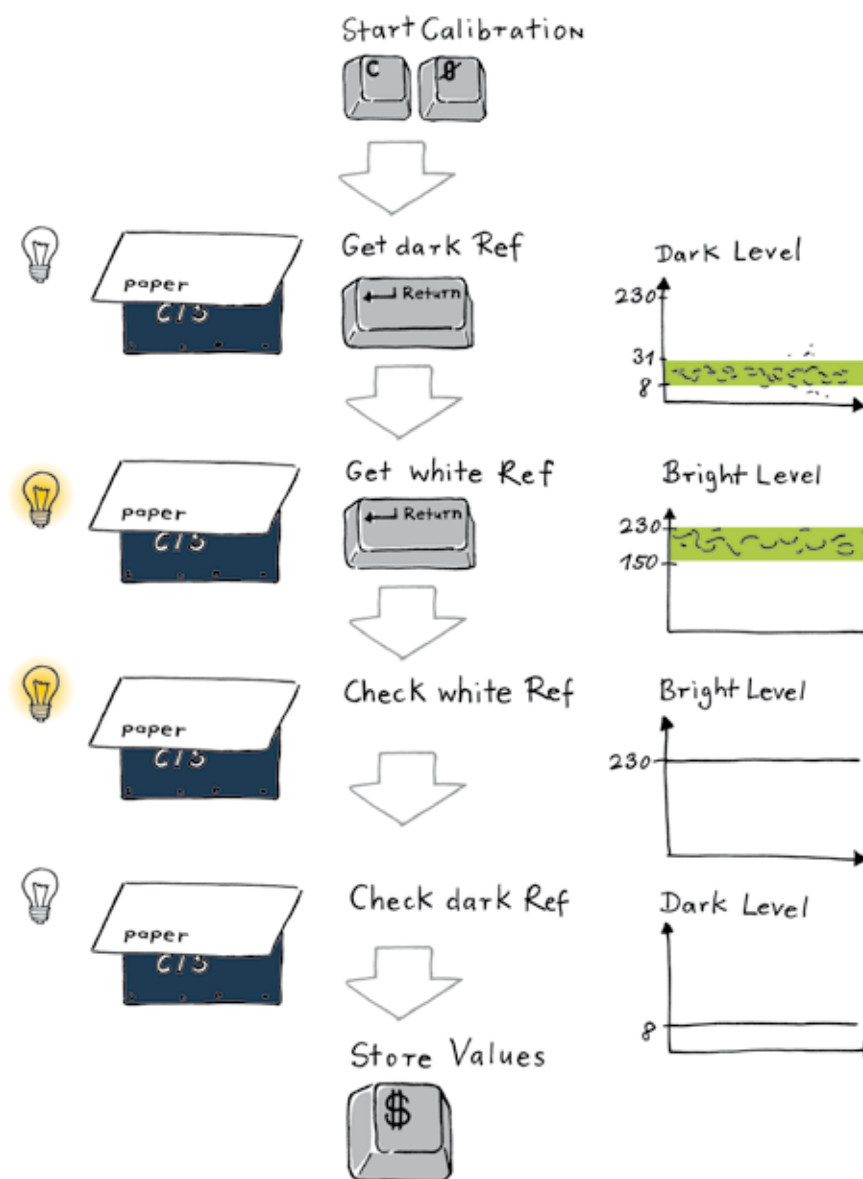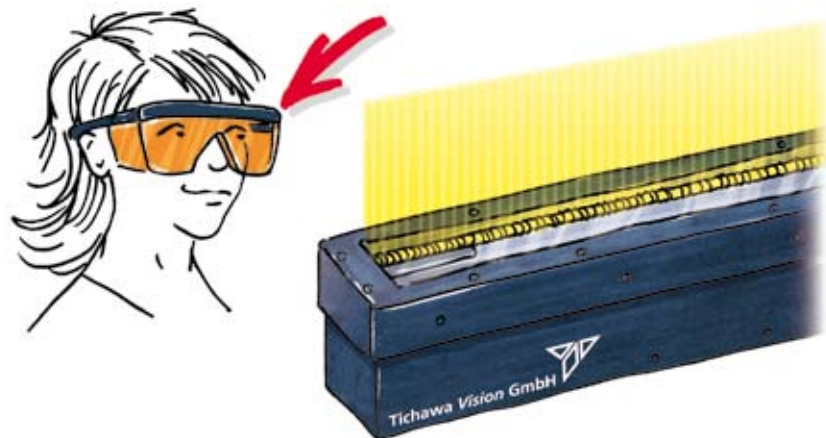

Protection

Alignment

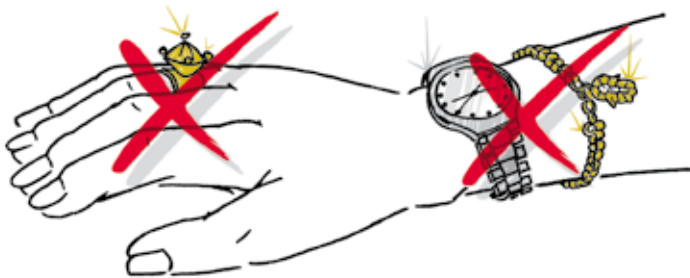Be sure you are familiar with the CIS Operating Manual

Be sure you understand the shading calibration procedure

Do not look into the light source
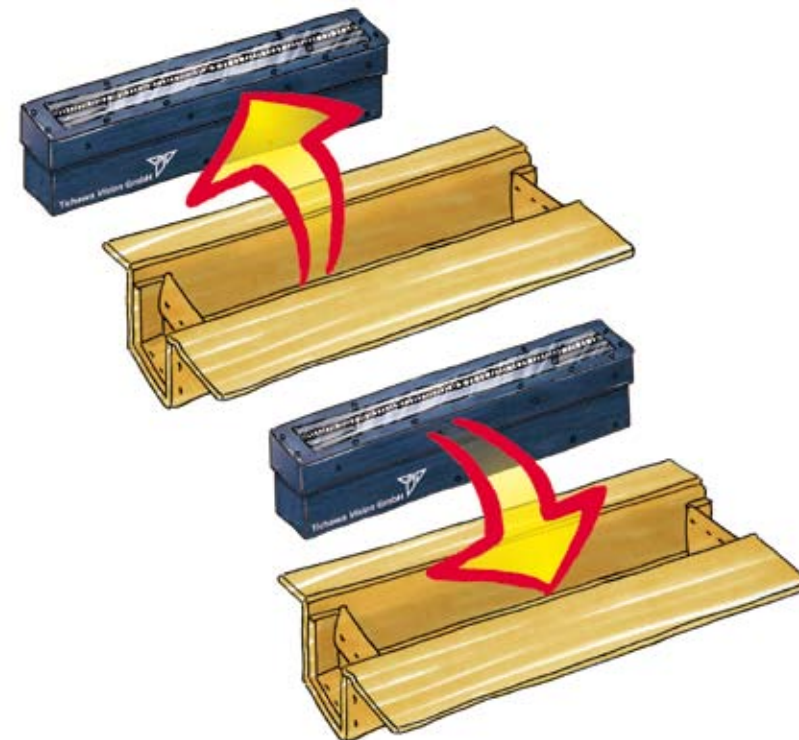Wear protective goggles

When working with the sensor,
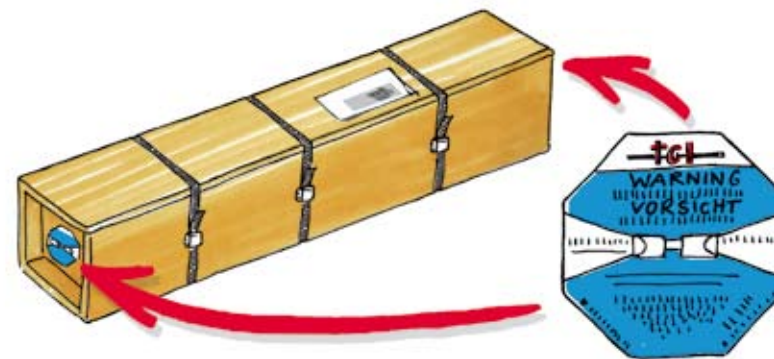do not wear rings, bracelets or wristwatches

Keep to your national illumination
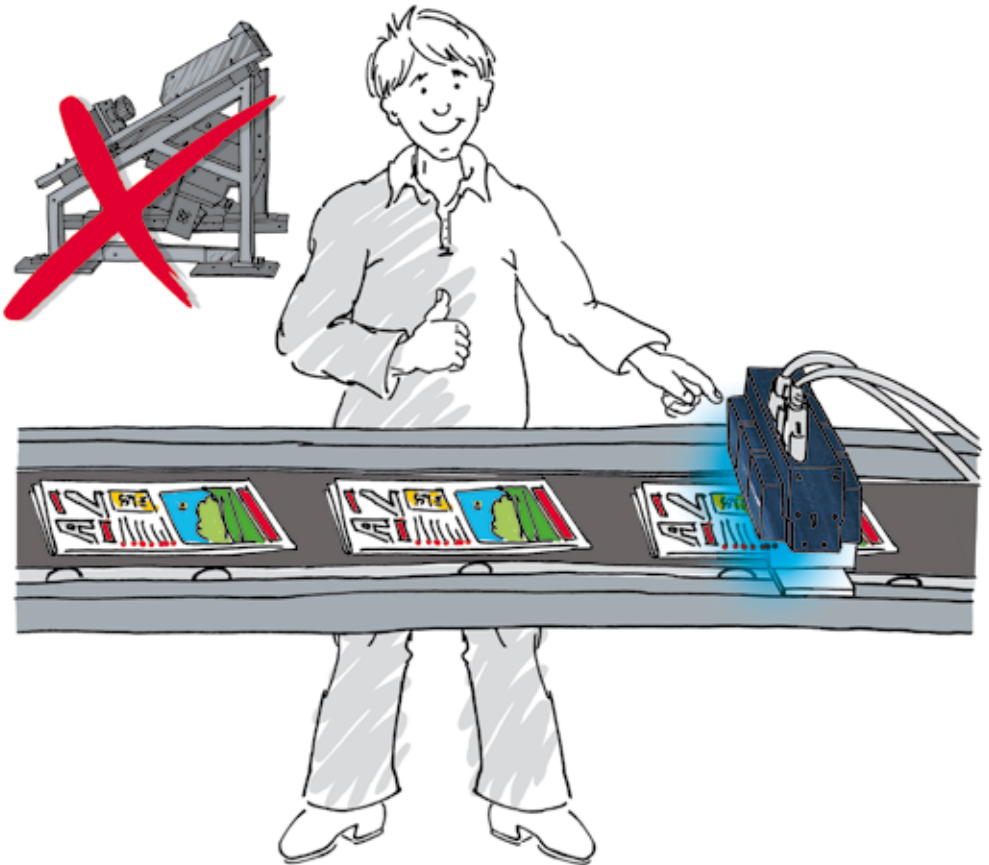safety standards might apply

Use original package for shipping

Mount Shockwatches, request new ones if already red

Contact Image Sensor – the much easier way!

Tichawa *Vision* GmbH

Imaging technology for the future