



PRO

operations

Thorough testing during product development

High durability

- Impact test
- Drop test
- Vibration test
- Earthquake test
- Package drop test
- Package shaking test
- Package compression test

Environmental resistance

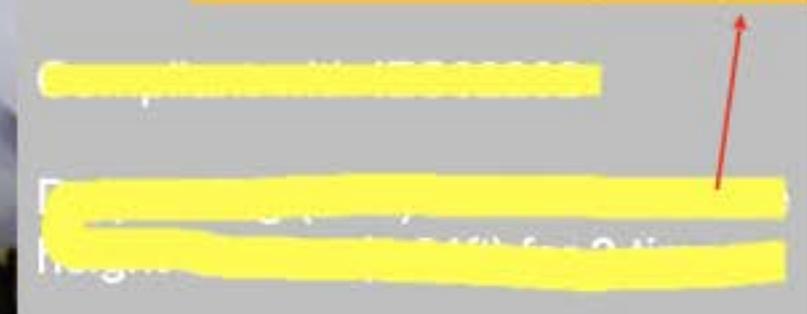
- Heat run test
- Water spray test
- Dustproof test
- Static electricity test
- Voltage surge test
- Wind pressure test
- Thermal limit test
- Salt spray test

Designed for long-term use

- Continuous charge test
- Charge/discharge test
- UV exposure test
- Thermal cycle test
- Condensation cycle test



**-IEC 62262 Compliant
Drops 10kg (22lb) iron ball 3
times from 0.5m (1.64ft)**



Against external vibrations

- Compliant with IEC60068

Check durability of products

exposed to vibrations

10 – 200Hz for 15 mins

(Acceleration: 4G)

- Additional tests to check durability

(including signature testing)

Delivery

-IEC 60068 Compliant
Checks durability of products
exposed to vibrating environments

10 – 200Hz for 15 mins max
(Acceleration: 4G)

Additional tests to check durability
against vibrations during delivery





In extreme climates

**-IEC 60068 Compliant
Checks operations under high/low
temperature environment**

Compliant with IEC 60068-2-14
Checks the operation under high/low
temperature environment

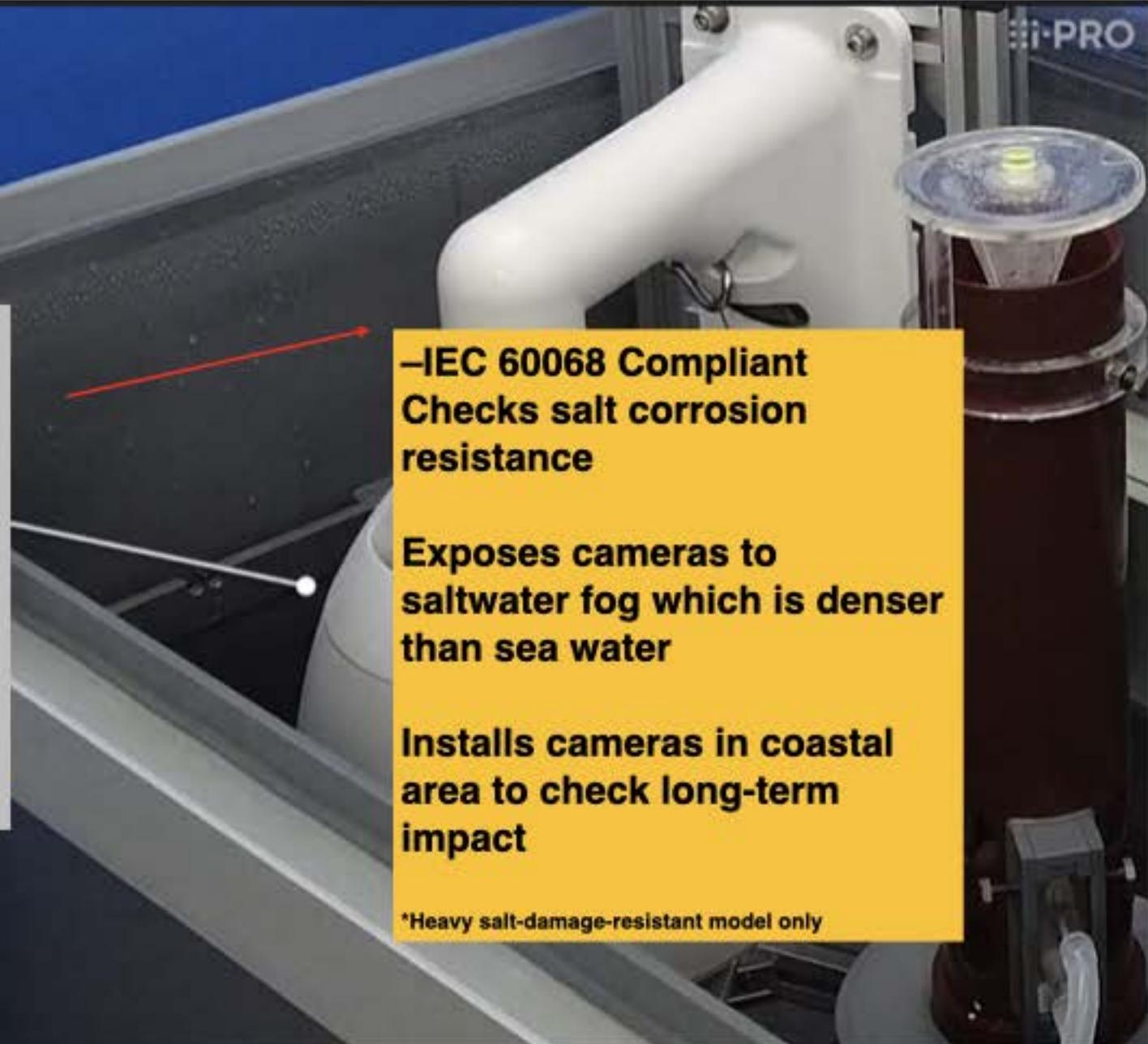
Leaves cameras at -50°C (-58°F)/+60°C
(+140°F) for several hours

*Tested temperature may vary depending on models

- Compliant with IEC 60068-2-11
- Checks salt corrosion resistance

Exposes cameras to saltwater fog which is denser than sea water

✗ Installs cameras in coastal area to check long-term impact



**-IEC 60068 Compliant
Checks salt corrosion
resistance**

**Exposes cameras to
saltwater fog which is denser
than sea water**

**Installs cameras in coastal
area to check long-term
impact**

*Heavy salt-damage-resistant model only



-IEC 60529 Compliant

Compliant with IEC60529
Examines endurance of internal
components from water damage

IPx6
Exposes to high-pressure water
100L (22 gal)/min

IPx7
Immerses up to 1.0m (3.28ft)
of water for 30 mins

operations

Continuous
operations test to ensure
long-term use