



10x Portable Illuminated Magnifier  
(10xPIM)

*User's Manual*

### 1. General instructions

- 1) Please, use 10xPIM device according this manual.
- 2) Check completeness of the delivery set specified in this manual.
- 3) If the equipment has been exposed to external conditions with low ambient temperature it must be kept at room temperature for 2 hours before operation.

### 2. Delivery set

- 10xPIM device
- Belt bag
- User manual

### 3. Precaution

**Attention!** 10xPIM is a complex optical electronic device. It should be handled with care.

**Avoid!** Dropping, shocks and other mechanical damages of the device.

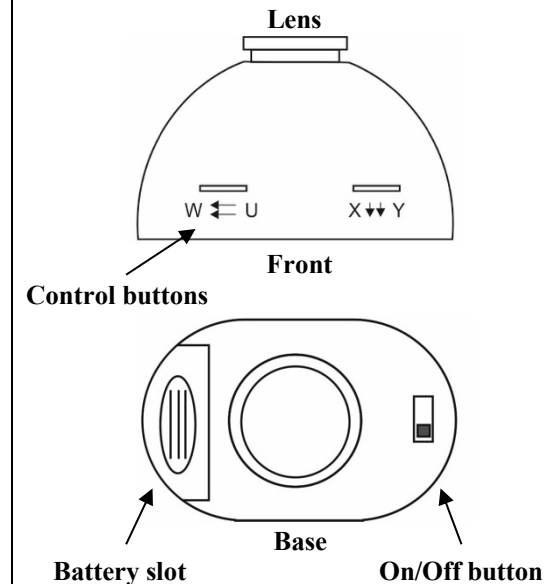
**Avoid!** Rapid changes in temperature, high temperature above +40°C, Low temperature below -40°C, high voltage, electrostatic interference, radiation and humid condition.

**Cannot!** Get wet or be immersed in the liquid.

**Only charge the integrated rechargeable Lithium battery when the battery has run flat. Intermediate charging of the battery has a negative influence on the lifespan.**

**Use only dry batteries according to this manual. Do not throw the battery or device to the fire. When disposing used batteries or devices, follow the applicable local rules for waste disposal.**

### 4. Description



### 5. Control buttons

#### 1st button - 3 positions:

- W – oblique light
- U - UV A 365nm switch
- U - UV 365nm switch

Press and hold button - W

#### 2nd button - 3 positions:

- H – white direct light
- H - white side light switch
- H - white side light (different angle) switch

Press and hold button - White direct light 2x

### 6. Operation

- 1) **Power on** – switch the power button placed on base to the position ON.
- 2) Place the device on the tested object. Aim the visual checking window at the inspected spot.
- 3) As required, you can switch between the control buttons. (W,U,H,H)
- 4) **Power off** - switch the power button placed on base to the position OFF.

The 10xPIM operates with an integrated rechargeable 3.7V battery.

*Battery slot is optional and currently uninstalled.*

### 7. Transportation and storage

It's necessary to transport and store equipment in its package avoiding shocks and dropping. During transportation (not longer than one week) the temperature should be within the range – 40 °C to +40 °C.

During storage in heated place the temperature should be within the range +1 °C to +40 °C and the relative humidity max. 80%.

### 8. Specification

#### Light sources:

- White direct light 2x
- White side light
- White side light
- UV A 365 nm light 2x

**Lens:** Ø 26mm, 10x magnification  
**Dimensions:** H x L x W – 55 x 55 x 75 mm  
**Weight:** 65 g  
**EU charger with USB charger cable**