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DE WIJS
THE ART OF VIEWING

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**Design and production of stereoscopic instruments.**

# User manual for:
# 2D / single slide panel mounted viewer
# 15-04-Mx-b



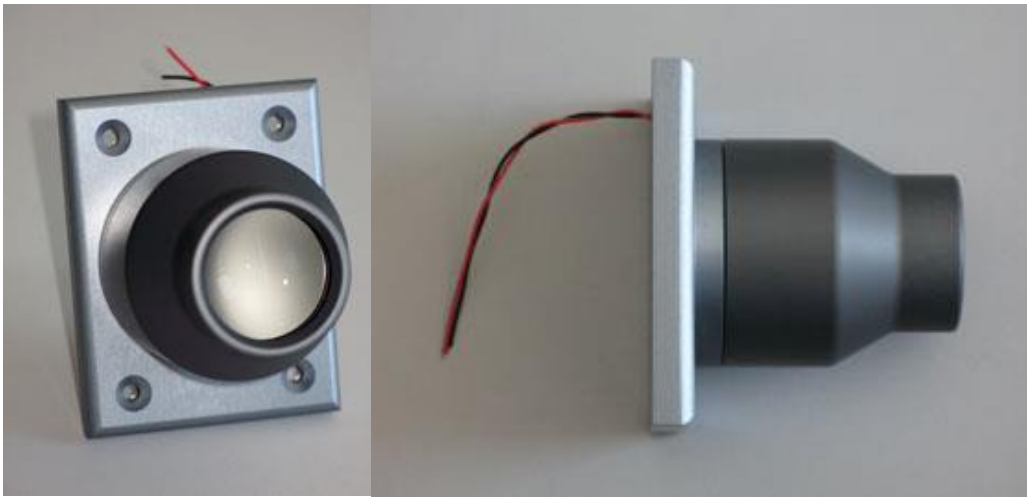
Last update March 2017

**Purpose:**
This viewer can be mounted against a panel or through hole or inside a base to show one single 2D (mono) slide. Because of the very flat thin base of the viewer of 9,5 mm. thickness it can be locked up in a cut chamber of MDF or other material. Because of its width of 62 mm. a 3D configuration is possible as well.
The viewer just provides 2 short power leads that allows to connect other, longer cables trough narrow holes or bypasses, without the trouble of big space consuming DC adapter plugs going through holes.

**Changes:**

| | |
|---|---|
| July 2015 | First panel type of panel viewer released 15-04-Mx |
| March 2017 | Length of the lens barrel adapted to better fixed focus (longer) |
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**Current Features:**
- Applicable for slide frame format 50x50 mm. **3 mm.** thickness.
- Maximum picture format 24x36 mm. landscape or portrait slides (not 36x36 mm.)
- Coated achromatic lens $\phi$ 30 mm. f= 60 mm. (enlargement 4.2) high resolution 15-04-MA or 15-04-MP. Fixed focus with plan convex lenses Ø 30 mm. f= 60 mm.
- The LED backlight illumination, provides a smooth light source to give the slide its natural bright colours. Lifecycle is 30.000 hours. Colour temperature is 4200 Kelvin. Replacement part: 14-13-LED30x39_4200K.
- The viewer is powered by 3Volts dc at 25mA. You can use the leads to lengthen the cord to an adapter or other source.



**Replacing slides:**

You can have access to the inside of the viewer by unscrewing the 2 screws at the rear of the viewer.



With respect to the shape of the viewer, you can decide to have to slide layout orientation to be vertically or horizontally. The small LED illumination can be positioned in the corresponding orientation and glued / taped against the rear part.

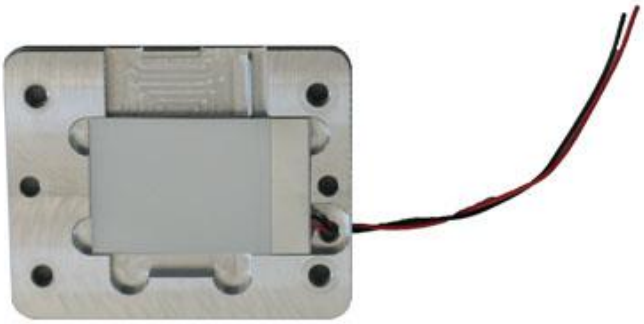
Vertical viewer body,
Horizontal slide orientation.



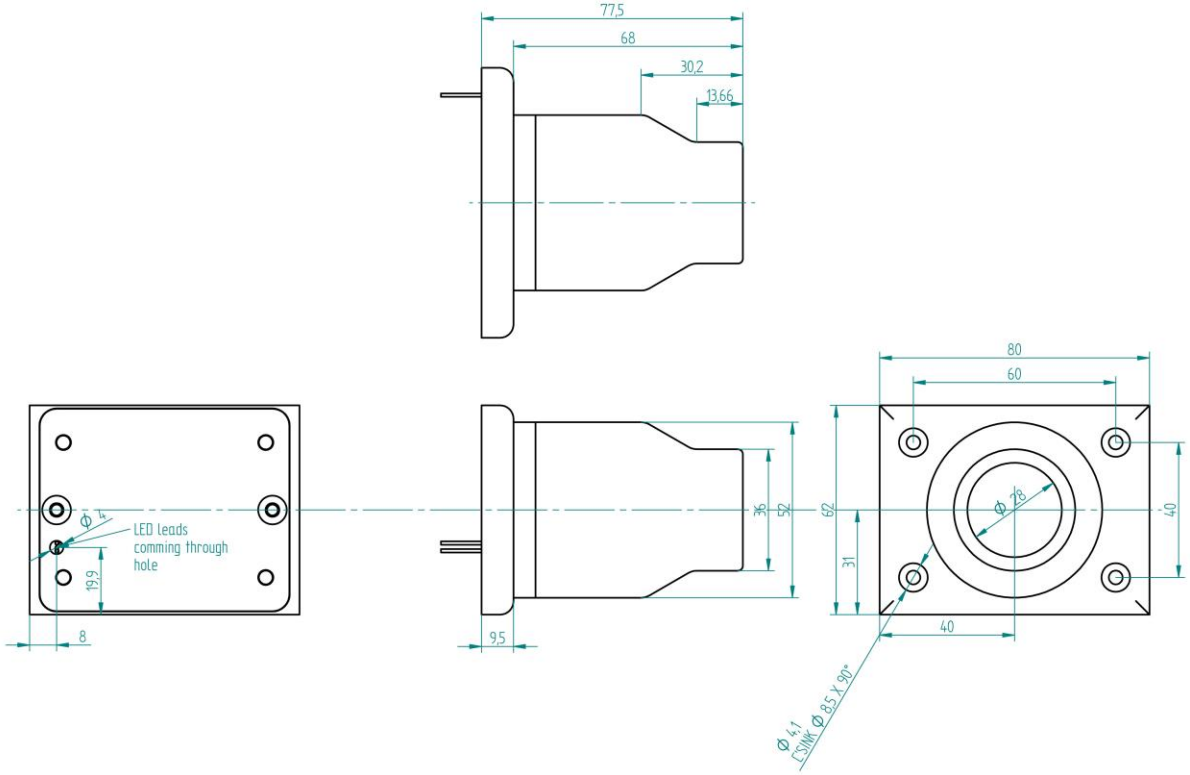
Horizontal viewer body
Vertical slide orientation.







**Dimensions and sizes (2017-b):**



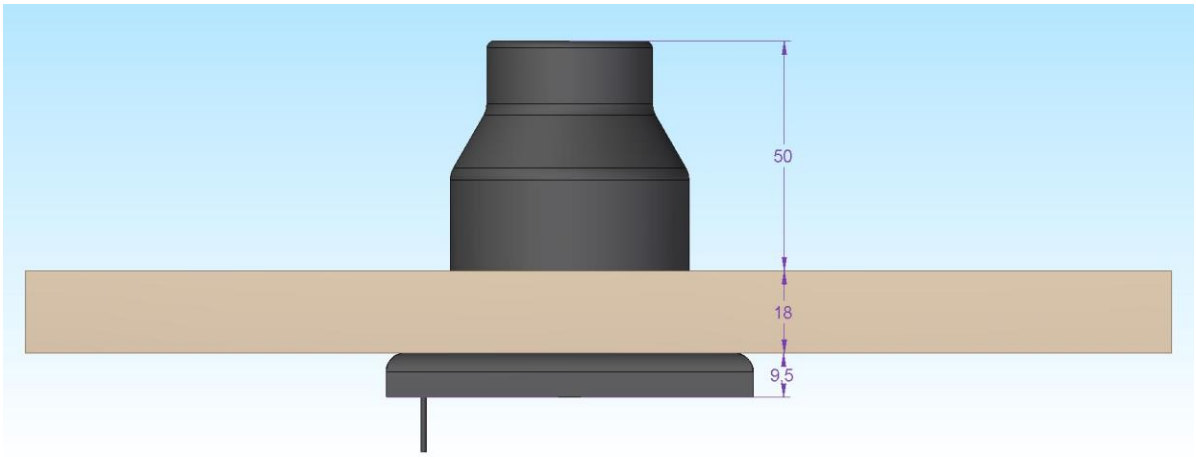

**Illumination:**

- The mono viewer is fit out with an edge lit LED backlight panel of 2.8 mm. thickness.
- Outside dimensions: 47x30 mm. illuminated area: 39x30 mm.
- Color temperature 4200K.
- Power to be applied is 3V dc at 25 mA.

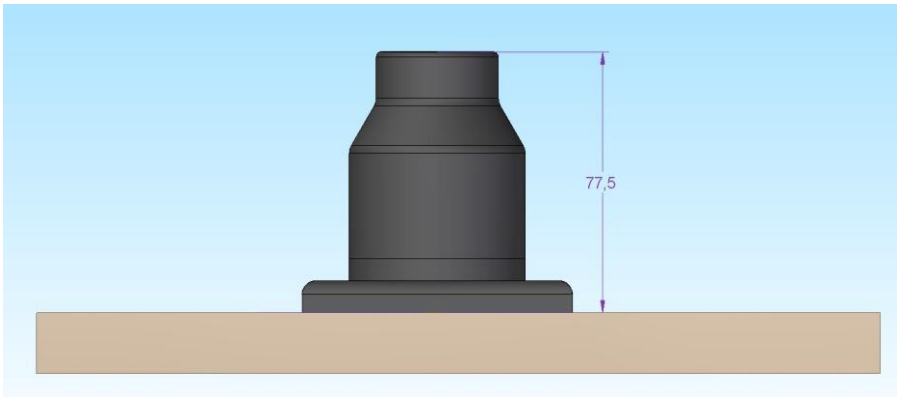
RED = + (anode)
BLACK = - (cathode)

**Application examples (with version 2015-b)**

Through hole configuration; the viewer is mounted at the rear of the panel, only the lens barrels are visible on the front side.




Against a panel configuration; the viewer is mounted against the wall / panel. Especially when it is not an option to have the base of the viewer hidden at the front.




3D configuration: 2 single viewers mounted side by side in vertical orientation.

