

Technical drawing of the Environmental Monitor showing top and front views with dimensions in mm.

**Top View Dimensions:**

- Overall width: 70
- Overall height: 24
- Internal width: 61
- Internal height: 12
- Radius of rounded ends: R15
- Mounting hole diameter: 2- $\varnothing 4.5$
- Mounting hole offset from side: 11.3
- Mounting hole offset from top/bottom: 2
- Internal width at mounting holes: 57
- Internal width at bottom: 70

**Front View Dimensions:**

- Overall height: 24.15
- Overall width: 70
- Mounting hole diameter:  $\varnothing 9$
- Mounting hole offset from top: 28.5
- Mounting hole offset from side: 27.5
- Mounting hole offset from bottom: 11.5
- Internal width: 39.99
- Internal height: 15
- Bottom flange width: 13.75
- Bottom flange height: 5
- Bottom flange thickness: 1.5
- Bottom flange mounting holes: 3- $\varnothing 6$
- Bottom flange mounting hole offset from side: 15
- Bottom flange mounting hole offset from bottom: 4.5
- Bottom flange mounting hole offset from center: 13.75

**Environmental Monitor**  
www.trasmonitor.com

Technical drawing of the AEH119 / BOX1110 radiation sensor assembly. The drawing shows a top view of the sensor with dimensions in millimeters. The overall width is 70 mm and the height is 24 mm. The sensor body is 49.5 mm wide and 18 mm high. A circular radiation sensor is located on the right side, with a diameter of 15 mm. The sensor is mounted on a base with a thickness of 1.5 mm. The drawing includes a title block with the following information: REVISION RECORD, REV, DATE, DESCRIPTION, DESIGNED BY, DRAWN BY, CHECKED BY, and APPROVED BY. The title is AEH119 / BOX1110. The drawing is a first angle projection, scale 1:1.

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