

LED X-Ray Film Viewer Box (Single / Double Panel)

Operating Manual

Radiology Equipment

Intended use

Back-illuminated viewing of X-ray, CT and MRI films for review in radiology, dental, veterinary, orthopedic and clinic settings.

Intended users

For use by trained healthcare professionals and staff. Follow your facility's protocols and applicable regulations.

Read this manual completely before first use and keep it with the product. This document provides general operating, care and safety guidance. Where the product is supplied with manufacturer labeling or instructions, those take precedence. For questions, a replacement copy, or a digital copy of this manual, email sales@scimedstore.com.

1. Safety

Safety warnings and cautions

- Use only the supplied power adapter, connected to a grounded outlet with the supply voltage marked on the adapter.
- Unplug the viewer before cleaning, moving or mounting.
- Do not allow liquids to enter the housing or adapter. Do not operate with wet hands.
- Do not use the viewer if the cord, adapter, housing or acrylic screen is damaged.
- When wall-mounting, use fixings suitable for the wall type and the weight of the unit, installed by a competent person.
- Do not cover the viewer or place objects on it while it is switched on.
- Avoid staring at the illuminated panel for long periods without a film in place.

2. Package contents

- X-ray film viewer (single or double panel, per variant)
- 100-240V power adapter

Check contents on receipt. Report missing or damaged items to sales@scimedstore.com within 48 hours of delivery.

3. Specifications

Panels	Varies by variant: Single Film Viewer (1 panel) or Double Film Viewer (2 side-by-side panels)
Viewing surface	Acrylic sheet
Illumination	LED
LED service life	30,000-50,000 hours
Power	12V DC via universal 100-240V power adapter
Switch	Heavy-duty ON/OFF switch
Film size	Standard sizes up to 14 x 17 in (35 x 43 cm) per panel
Mounting	Wall-mount or desktop / bench

4. Unpacking and setup

- 1 Unpack the viewer and adapter and check for transport damage.
- 2 Choose a location away from direct sunlight and strong overhead light so films can be read with good contrast.
- 3 For desktop use, place the viewer on a stable, level surface. For wall use, mount it securely at a comfortable viewing height.
- 4 Connect the adapter to the viewer's power socket, then plug the adapter into a grounded outlet.
- 5 Switch on with the ON/OFF switch and check that the panel(s) light evenly.

5. Operation

Viewing films

- 1 Reduce room lighting where possible to improve contrast.
- 2 Switch the viewer on.
- 3 Slide the film under the film clip(s) at the top of the panel, with the correct orientation for reading.
- 4 For comparison views on the double panel, place films side by side in the required order.
- 5 Review the film. Handle films by the edges to avoid fingerprints.
- 6 Remove the films and switch the viewer off when finished.

6. Cleaning and disinfection

- Switch off and unplug before cleaning.
- Wipe the acrylic screen with a soft, lint-free cloth lightly dampened with mild soapy water, then dry.
- Do not use abrasive cleaners, scouring pads or strong solvents on the acrylic screen; they can scratch or cloud it.
- Wipe the housing with a damp cloth or a disinfectant compatible with plastics per facility protocol.
- Do not spray liquid directly onto the viewer.

7. Maintenance and storage

- Check the power cord, adapter and switch regularly for damage.
- Check the panel for even illumination; contact service if areas become dim or LEDs fail.
- When storing, keep the viewer in a clean, dry place and protect the screen from scratches.
- Refer repairs to qualified service personnel. Do not open the housing.

8. Troubleshooting

Problem	Likely cause	What to do
Viewer does not light	Adapter not connected or no power at outlet	Check the adapter connections and outlet; try another outlet.
Uneven or dim illumination	LED failure or dirty screen	Clean the screen; if the problem continues, contact service.
Flickering	Loose connection or faulty adapter	Check the adapter plug at both ends; replace the adapter only with a matching approved one.
Film will not stay in place	Film not fully inserted under the clip	Re-insert the film fully under the film clip.
Glare on the film	Strong room light or sunlight	Reduce ambient light or relocate the viewer.

9. Disposal

- Dispose of the viewer and adapter as electronic waste in accordance with local regulations. Do not discard in household waste.

10. Warranty and support

Products are covered by SciMed's standard warranty (12 months from purchase unless a different period is stated on your invoice). Warranty terms: scimedstore.com/pages/warranty.

Support, spare parts and additional copies of this manual: sales@scimedstore.com. Please include your order number and a photo of the product or issue.

SciMed Scientific Equipment LLC · San Jose, California, USA · scimedstore.com