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Kodak M-28

Applied Infrared Photography

Kodak Publication, No. M-28

INTRODUCTION

This manual serves as a comprehensive guide to the principles and practices of applied infrared photography. Published by Kodak, this resource is designed to provide photographers with essential knowledge for capturing images using infrared techniques. It covers fundamental concepts, practical applications, and technical considerations necessary for successful infrared imaging.

The content is structured to be informative and practical, guiding readers through the intricacies of infrared light and its interaction with various subjects and photographic materials.

HOW TO USE THIS GUIDE (SETUP)

To effectively utilize this publication, begin by familiarizing yourself with the overall structure. The guide is organized into chapters that progressively build upon foundational knowledge. It is recommended to read through the introductory sections to grasp the core concepts before delving into specific applications.

Pay close attention to diagrams, charts, and example photographs, as these visual aids are integral to understanding the technical aspects discussed. For optimal learning, consider cross-referencing information with practical experimentation in infrared photography.

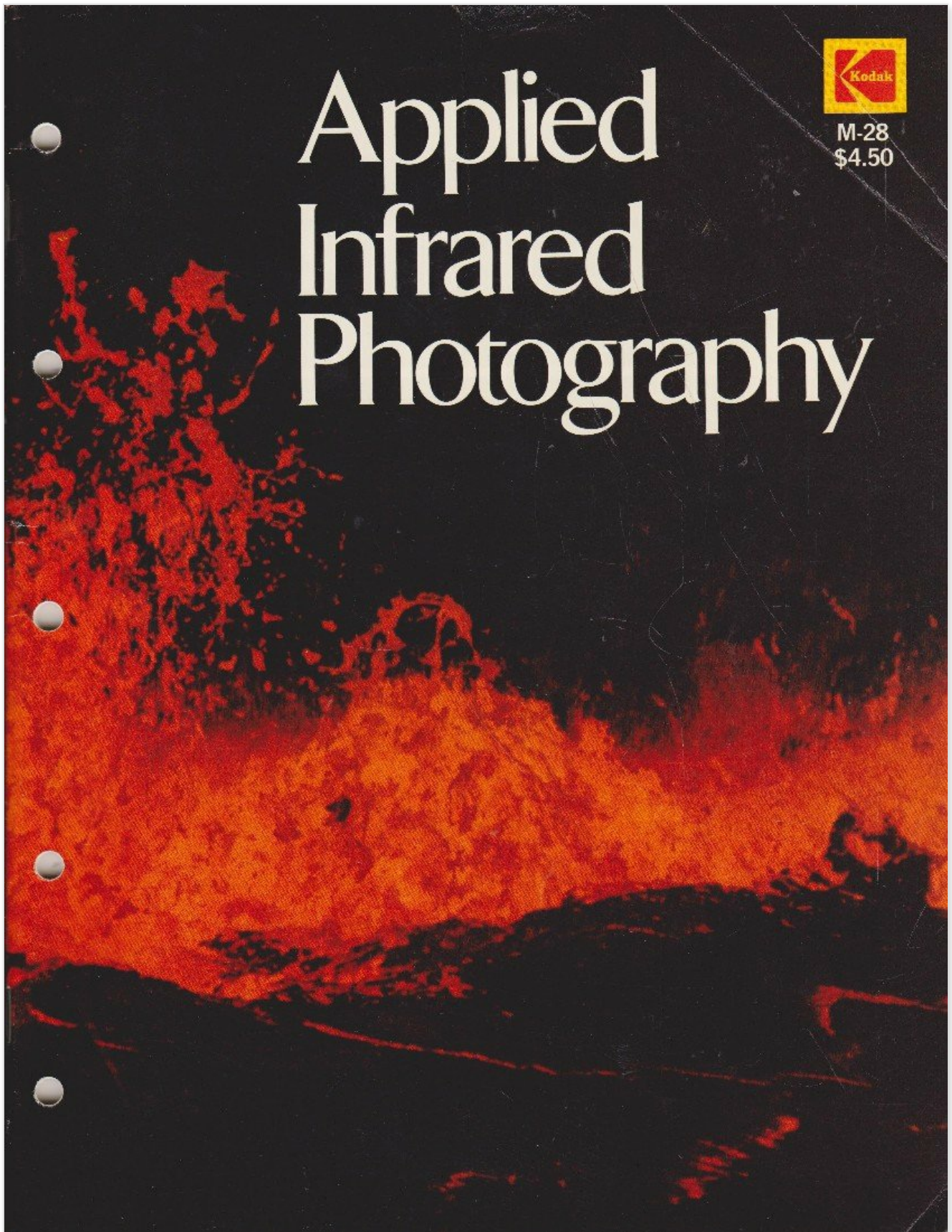


Figure 1: Front cover of the "Applied Infrared Photography" manual. This image displays the title and a visual representation of infrared light's effect, indicating the book's focus on capturing unseen light spectrums.

UNDERSTANDING INFRARED PHOTOGRAPHY (OPERATING)

This section details the operational principles of infrared photography as presented in the guide. It covers:

- **Infrared Spectrum:** Understanding the portion of the electromagnetic spectrum beyond visible red light.

- **Film and Sensor Sensitivity:** Information on photographic films and digital sensors designed to capture infrared radiation.
- **Filters:** Guidance on using various infrared filters to achieve desired effects and block visible light.
- **Exposure Techniques:** Specific considerations for exposure settings in infrared photography, including reciprocity failure.
- **Subject Response:** How different subjects (foliage, skin, water) appear under infrared light.
- **Processing and Printing:** Recommendations for developing infrared film and printing infrared images.

Each topic is explained with practical advice and technical data to assist photographers in achieving optimal results.

CARE AND PRESERVATION (MAINTENANCE)

To ensure the longevity and readability of your "Applied Infrared Photography" manual, follow these care guidelines:

- **Storage:** Store the book in a cool, dry place away from direct sunlight and excessive humidity to prevent paper degradation and ink fading.
- **Handling:** Handle pages carefully to avoid tears or creases. Avoid folding corners or placing heavy objects on the open book.
- **Cleaning:** For dust, gently wipe the cover with a dry, soft cloth. Avoid using liquid cleaners.
- **Protection:** If transporting, consider using a protective sleeve or bag to prevent damage to the cover and pages.

Proper care will help preserve the valuable information contained within this publication for future reference.

CLARIFYING CONCEPTS (TROUBLESHOOTING)

Should you encounter difficulties in understanding certain concepts or applying the techniques described, consider the following:

- **Re-read Sections:** Complex topics may require multiple readings. Focus on the core principles before moving to advanced applications.
- **Practical Application:** Attempting the techniques described with your own equipment can often clarify theoretical points. Experimentation is key to mastering infrared photography.
- **Cross-Reference:** If a term or concept is unclear, refer to the glossary (if available) or related sections within the book.
- **Consult External Resources:** While this guide is comprehensive, supplementary learning from other reputable photographic resources or communities can provide additional perspectives.

Persistent issues with understanding specific photographic phenomena may indicate a need for further foundational study in optics or light physics.

SPECIFICATIONS

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WARRANTY AND SUPPORT

As a publication, this manual does not come with a traditional product warranty. For inquiries regarding the content, publication details, or to report any errors, please contact the publisher directly:

Publisher: Eastman Kodak Co.

For general information about Kodak products and services, please visit the official Kodak website or consult their customer support channels.

Note: This publication was released in 1980. Information regarding contact methods for Eastman Kodak Co. should be sought through current public directories or their official website.



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