



Interactive Publishing & Book Binding (Illuminated Smart Covers)

Interactive covers that bring books and stationery to life.

Interactive Book Covers Combine Printed Lighting And Smart Surfaces To Create A New Reading And Gifting Experience. Thin Illumination Layers Can Be Added To Hardcover, Softcovers, Diaries And Corporate Notebooks Without Changing Their Size Or Weight. These Covers Can Glow, Highlight Graphics Or Light Up When Touched, Making Them Ideal For Fantasy Titles, Children's Books, Sci-fi Releases And Special Editions. The Technology Is Flexible, Durable And Compatible With Standard Binding And Finishing Processes.

SPECIFICATIONS :

- Compatible With Standard Bookbinding Workflows
- Supported Substrates: Paper, Paperboard, Laminated Covers
- Light technologies: LED or thin light films
- Activation options: touch, pressure, momentary or continuous
- Power source: printed battery or compact cell module
- Custom cover sizing and circuit patterns available

Industry :

- Custom Layout
- High Quality
- Made In India
- Industrial Grade

Key Features :

- Illuminated covers using ultra-thin printed lighting
- Touch-responsive or always-on light effects
- Works with hard and soft binding formats
- Fully customizable layouts and lighting zones
- Lightweight construction suitable for mass production
- Safe, low-voltage operation
- Ideal for premium, collectible and special-occasion books

Advantages :

- Adds a premium, memorable effect to books and stationery
- Encourages reader engagement and increases perceived value
- Lightweight and unobtrusive for everyday use
- Fits into conventional printing and binding equipment
- Ideal for publishers looking to differentiate new titles
- Suitable for both mass-market and luxury editions
- Blends tradition with technology for a memorable campaign impact

Application :

- Corporate notebooks and branded stationery
- Premium diaries and planners
- Fantasy, sci-fi and kids' publications
- Collector's editions and gift books
- Limited-edition promotional releases
- Interactive educational materials

Technical Specifications :

Model Number	PE Interactive Publishing
Category	Functional Printed Electronics