
BLOO INK Texworld 2026

BLOO LLC

Jul 27, 2026

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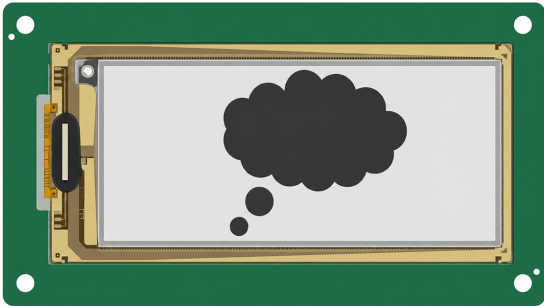
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Line Sheets

BLOO INK 2026 OFFERING



EXPRESS

FLASH

USD \$ 49

MOQ 50 UNITS = USD \$2,450

USD \$ 39

MOQ 50 UNITS = USD \$1,950

BLACK & WHITE

BLACK & WHITE

296 pixels × 128 pixels
93 mm × 51 mm
3.7 inch × 2 inch

416 pixels × 240 pixels
109mm × 68mm
4.3 inch × 2.7 inch

NO BATTERIES

2 × AAA / LR03

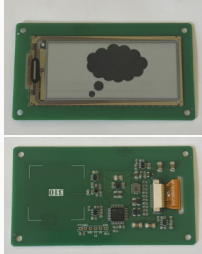
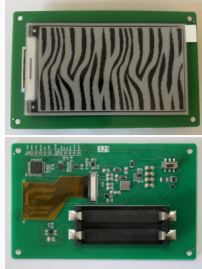
End-consumer programmable

Factory-programmed

12 - 16 weeks lead time

28 - 36 weeks lead time

Sourcing Line Sheet

Product Detail	Express	Flash
Wholesale Price	USD \$49	USD \$39
MOQ	50	50
MOQ USD \$	\$2,450	\$1,950
Images		
Display Mode	Static	Dynamic
Programming	End-user programmable	Factory-programmed
Power	No battery	2 x AAA / LR03 Battery
Dimensions (mm)	93 mm x 51 mm	109 mm x 68 mm
Dimensions (in)	3.66 in x 2.01 in	4.29 in x 2.68 in
Color	Black & White	Black & White
Resolution	296 x 128	416 x 240
Delivery Timeline	12 - 16 weeks	28 - 36 weeks
SKU	EXPRESS2026	FLASH2026

Wholesale prices are quoted for U.S. domestic purchasing and include tariffs.

International orders ship **FCA 24 Fifth Avenue, New York NY 10011, Incoterms® 2020**; buyer is responsible for freight, insurance, import clearance, duties, taxes, tariffs, and destination charges.

Sourcing Details

Sourcing Detail	Express	Flash
Thickness	1 mm	13 mm
End-of-Life Risk	Critical	Low
Country of Origin	China	China
Ships From	New York	New York
Customizations	Rigid backing included; flexible backing available for an additional USD \$50 per unit	Switch included; motion sensor available for an additional USD \$10 per unit
U.S. Export Classification	Schedule B: 8543.70.9665	Schedule B: 8543.70.9665
Schedule B Description	E-paper smart sign PCB assembly without enclosure, incorporating e-paper display and application processor, for displaying programmed signage content.	E-paper smart sign PCB assembly without enclosure, incorporating e-paper display and application processor, for displaying programmed signage content. Batteries not included.
FCC Labeling	The integrated NTAG I ² C is a passive NFC Type 2 tag and does not contain an NFC reader or RF transmitter. This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.	This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.
Sample Package	5 units	5 units
Sample Package Price	USD \$500	USD \$500
Development Time	Lead 1 month ²	1 month ³
Production Capacity	EOL Max 200 ¹	500 units / 35 weeks

² Integration time extends if requirements include white label app.

³ Programming is done with buyers graphic designer to program images into device. Programming occurs over 3 sessions.

¹ The display has been discontinued. A maximum of 200 units can be delivered. Order now!

Mixed-SKU MOQ

No mixed-SKU MOQ available at this time.

Payment & Fulfillment

Invoices are issued in USD. Payment is accepted by wire transfer and check. Payable in USD to a USD-denominated account.

FedEx is used for domestic shipments in the United States.

International shipment provider is DHL Express.

Buyer is responsible for freight, insurance, import clearance, duties, taxes, tariffs, and destination charges.

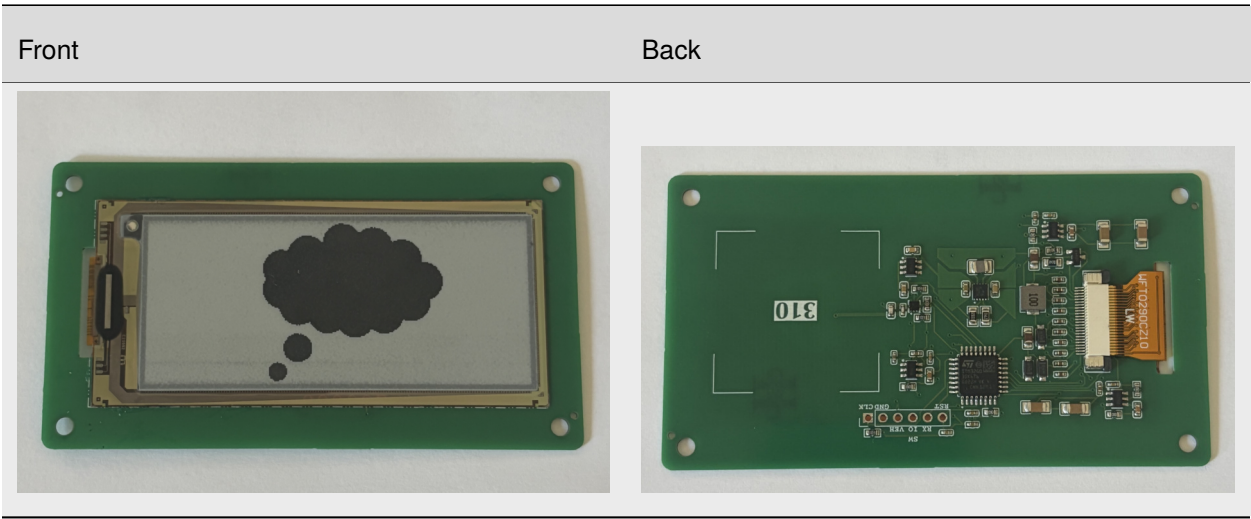
Sample Ordering

Flash purchasing is available online, please visit the Square Payment link for this item: <https://www.blooink.com/purchase/flash-sample-2026>

Express sample sales are coordinated over email. Please message NAZ@BLOOINK.COM for ordering.

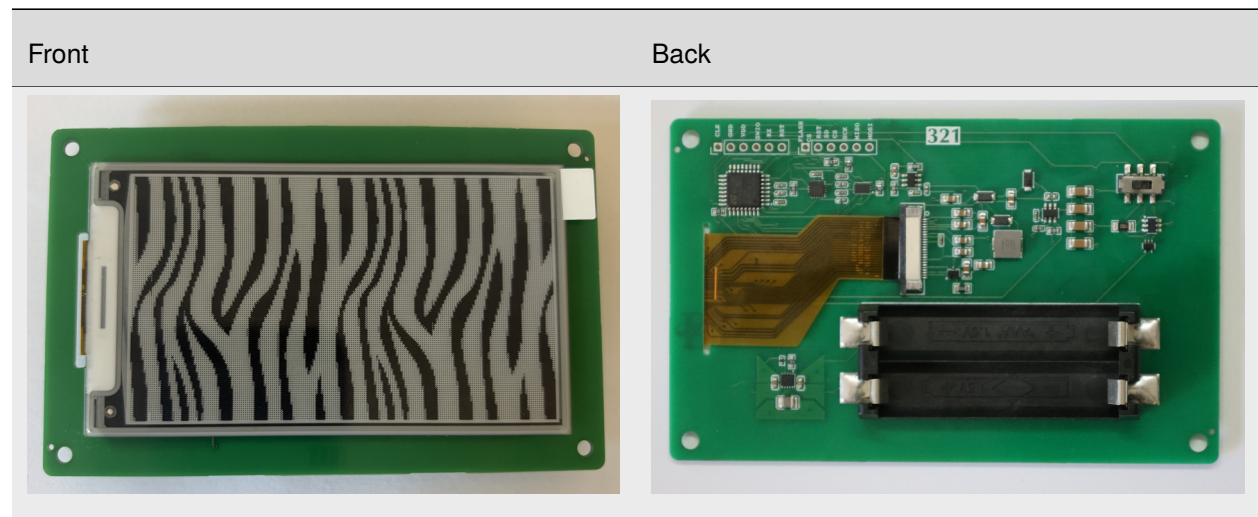
Express Delivery

Express units are delivered as assembled circuit board with the display affixed.



Flash Delivery

Flash units are delivered as assembled circuit board with the display affixed. Batteries are not included.



Integration

Express

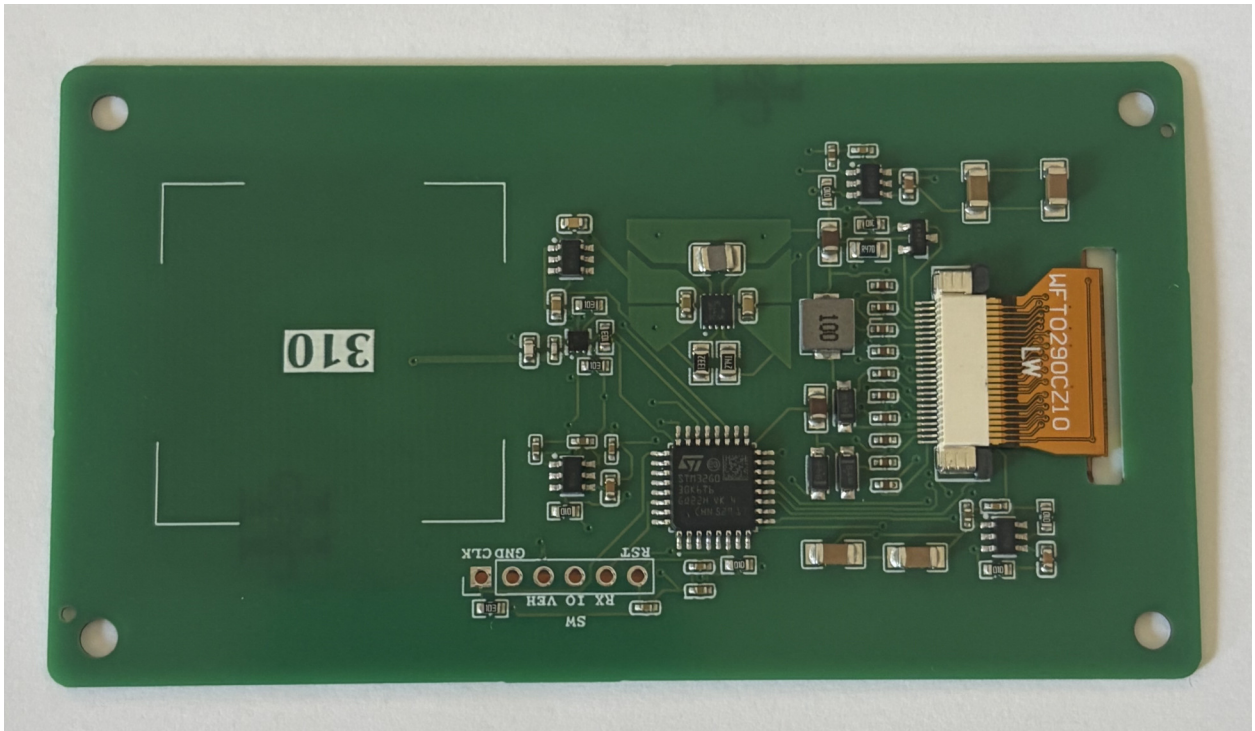
Description

This device works with an iOS / Android app to transfer an image and change the display.

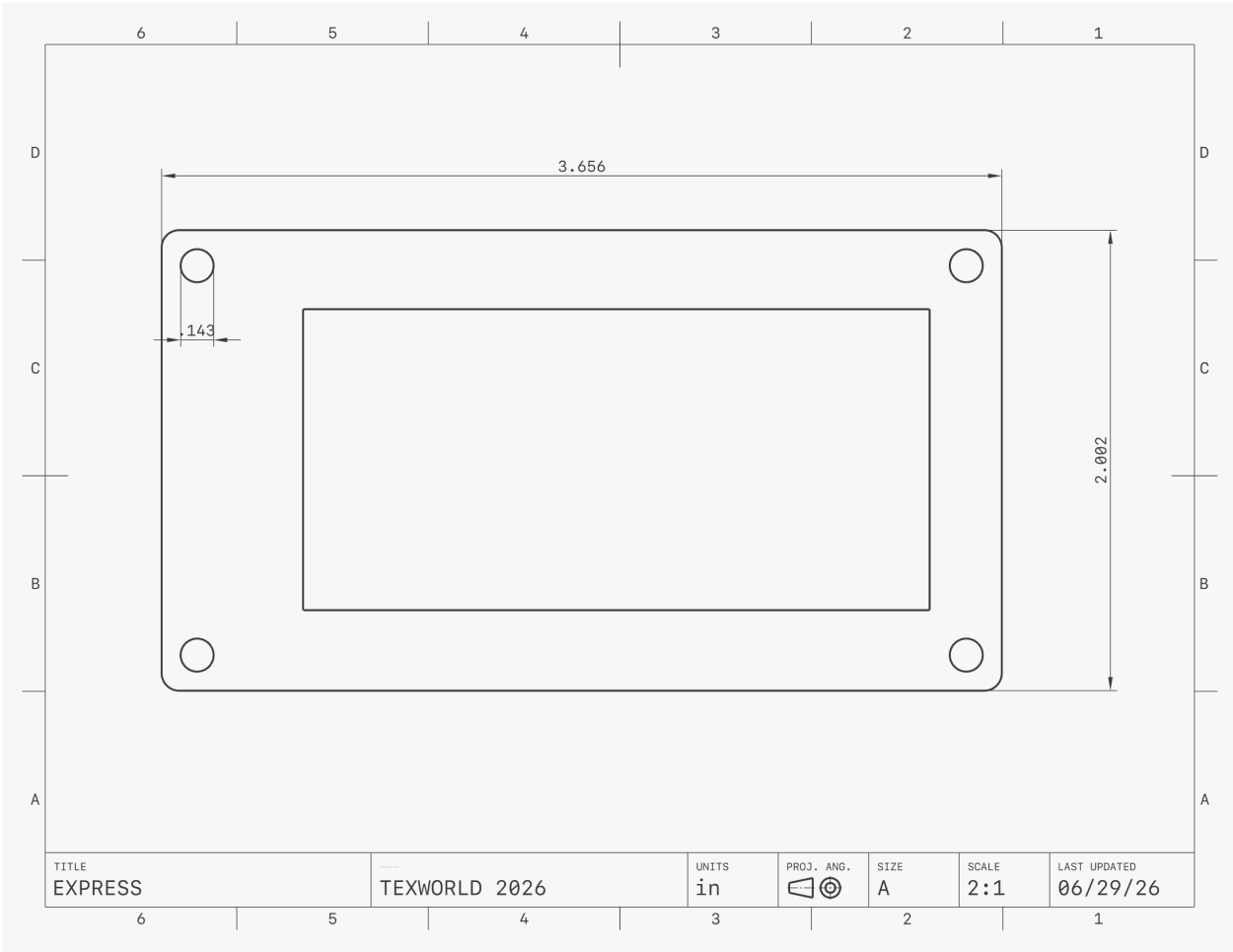
Front



Back



Dimensions



Flash

Description

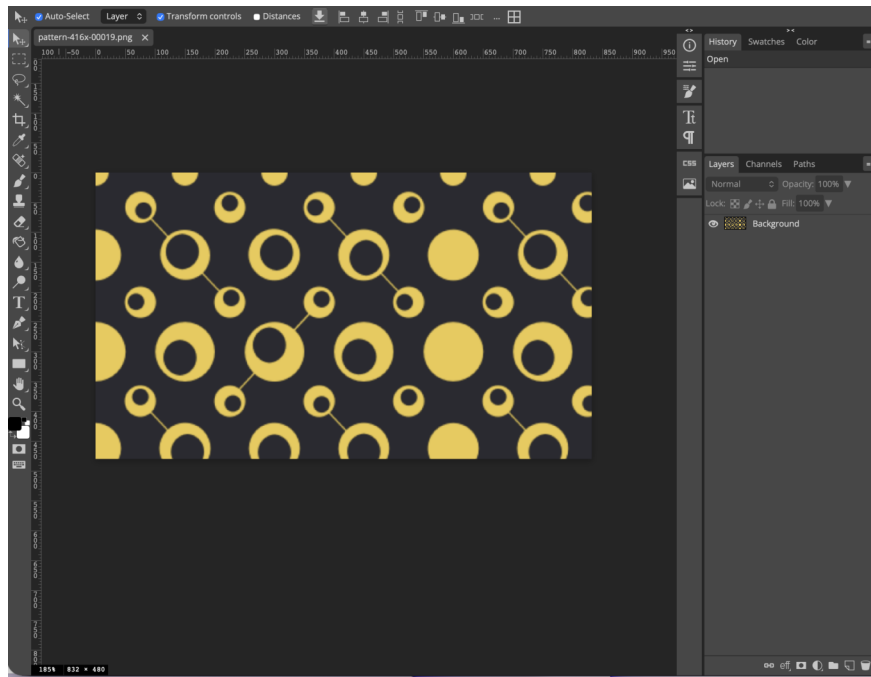
Integration involves a setup period with a graphic designer where the graphics are programmed and verified on the device before being delivered.

Programming Process

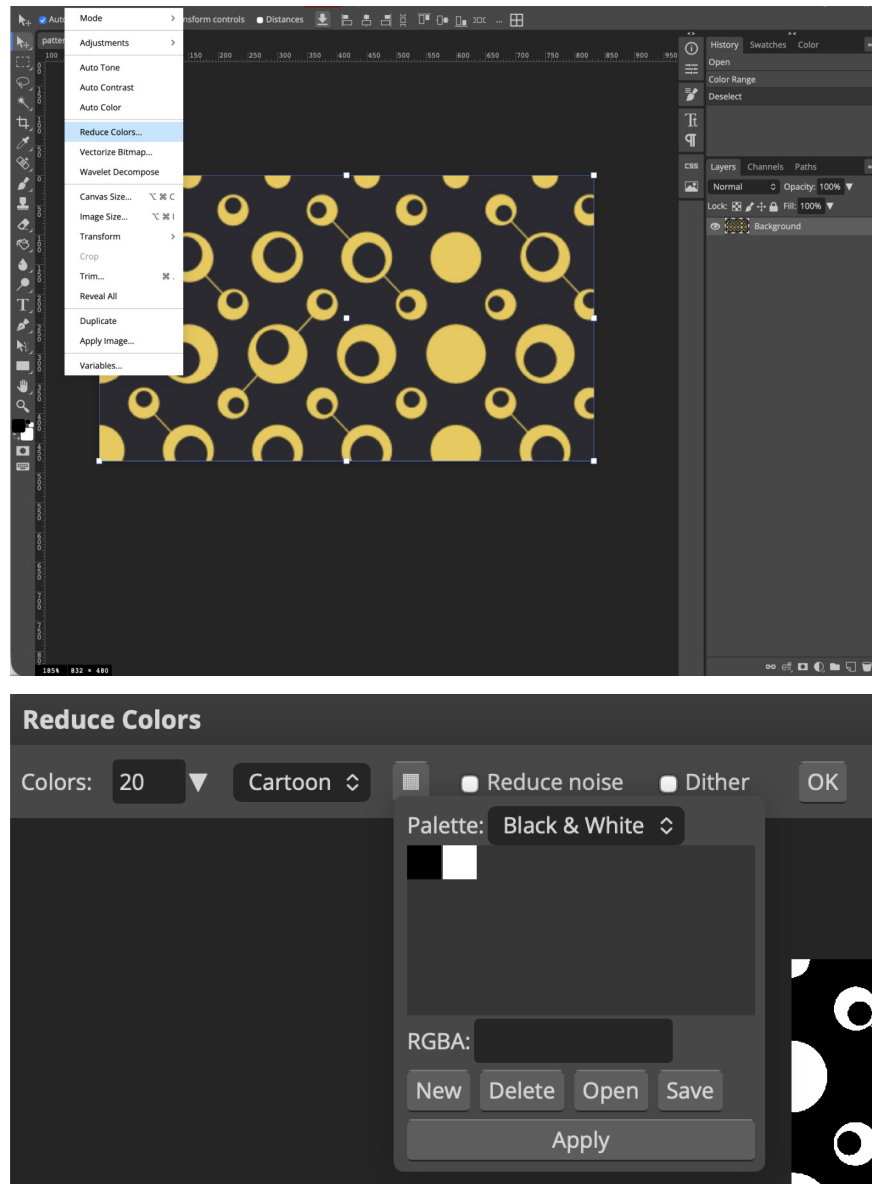
Images are limited to black and white at 416 px by 240 px. Graphics are limited to a maximum of 75 images on the device.

For best results an iterative back and forth between the graphic designer and Bloo Ink to review dithering, contrast, and overall appearance on the device before final approval and delivery is suggested.

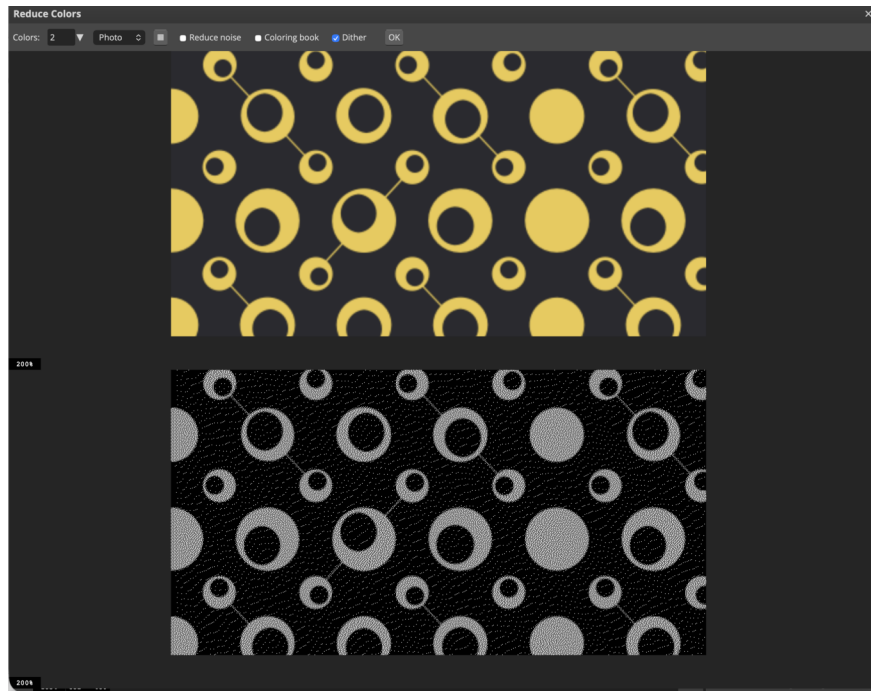
1. Graphic designer prepares images in Photo editing software



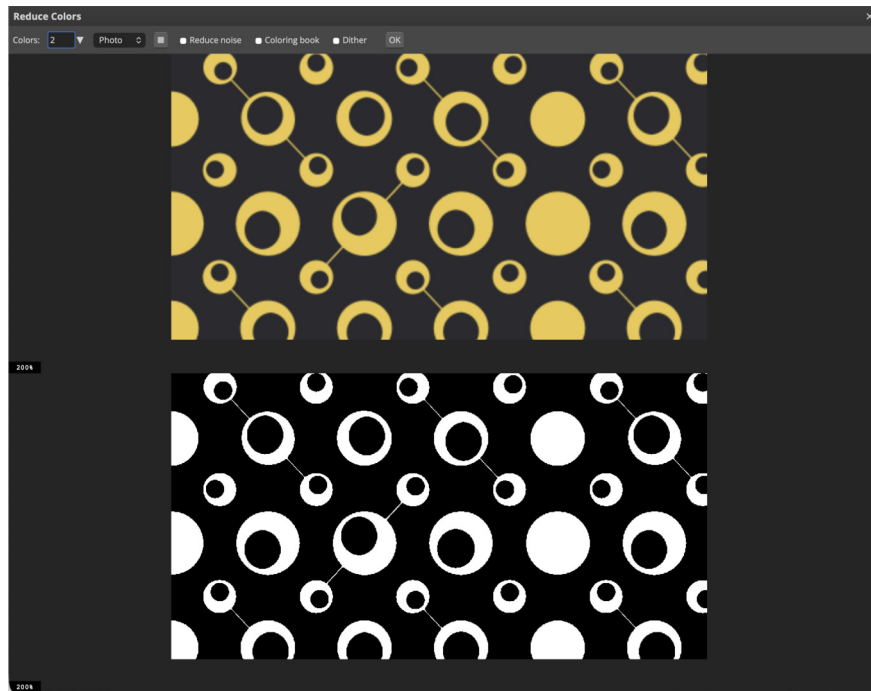
2. Reduce colors and test images with dithering on/off to match taste.



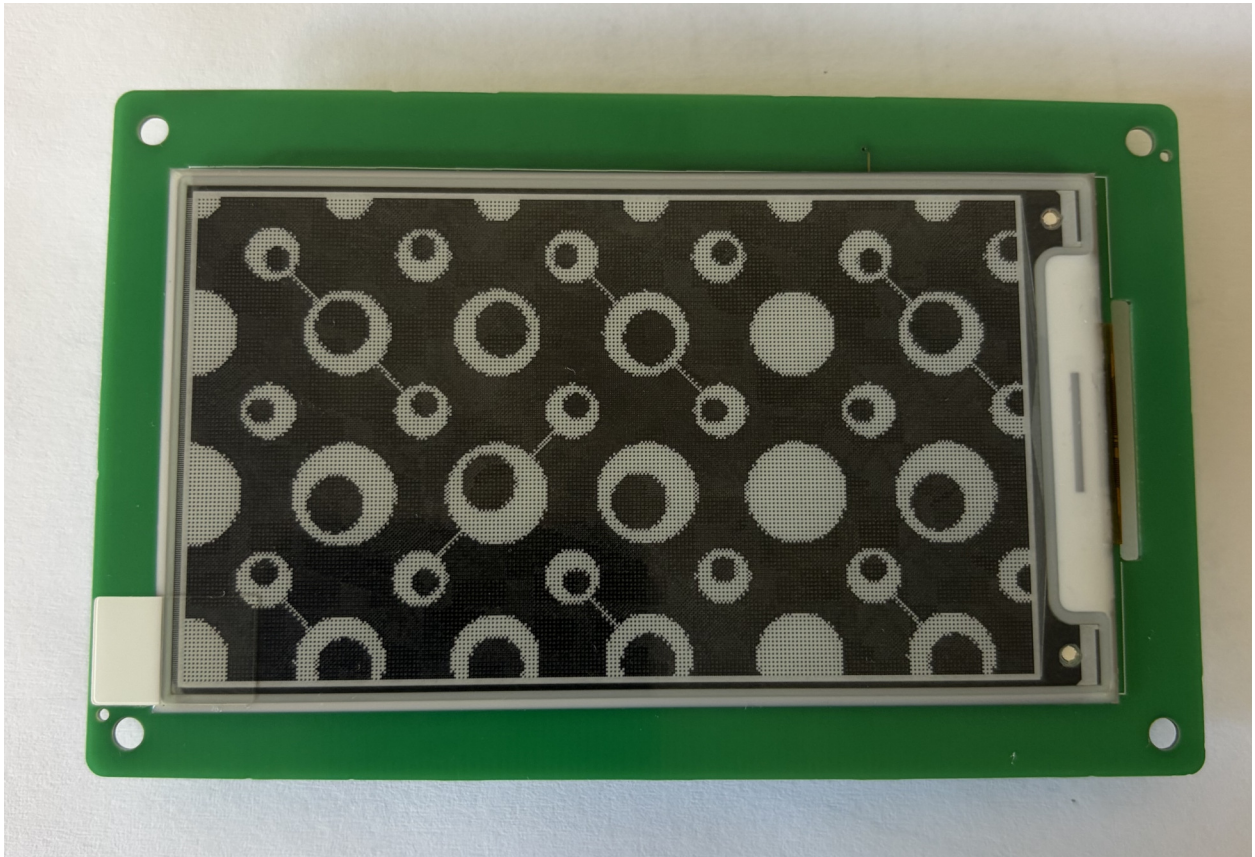
Example of dithering turned on:



Example of dithering turned off:



3. Graphic designer sends image to Bloo Ink and receives a video with the image on device for approval.



Flash Customizations

Switch

The standard Flash model has a physical switch.

On standard models, the switch turns slideshow playback on or off.

You can also provide an optional idle image to display when the switch turns playback off. Without one, the device stays on its current frame and resumes from that frame when playback is turned back on.

Image Loop

While the switch is on, up to 75 images loop.

Set the slideshow interval anywhere from 1 second to 1 hour. This determines how long each image remains on screen while the slideshow is active.

Update/Refresh

We recommend a Fast Update, which takes about 0.1 seconds. Over time, fast updates can leave visual artifacts on the screen. The device periodically performs a Full Refresh to clear the artifacts. A full refresh takes about 5 seconds and flashes the display white, then black, before showing the image again. Its frequency can be adjusted for the image sequence in use.

We recommend that the slideshow stops after its configured run time, typically one hour, to conserve battery life.

Motion Detection Option

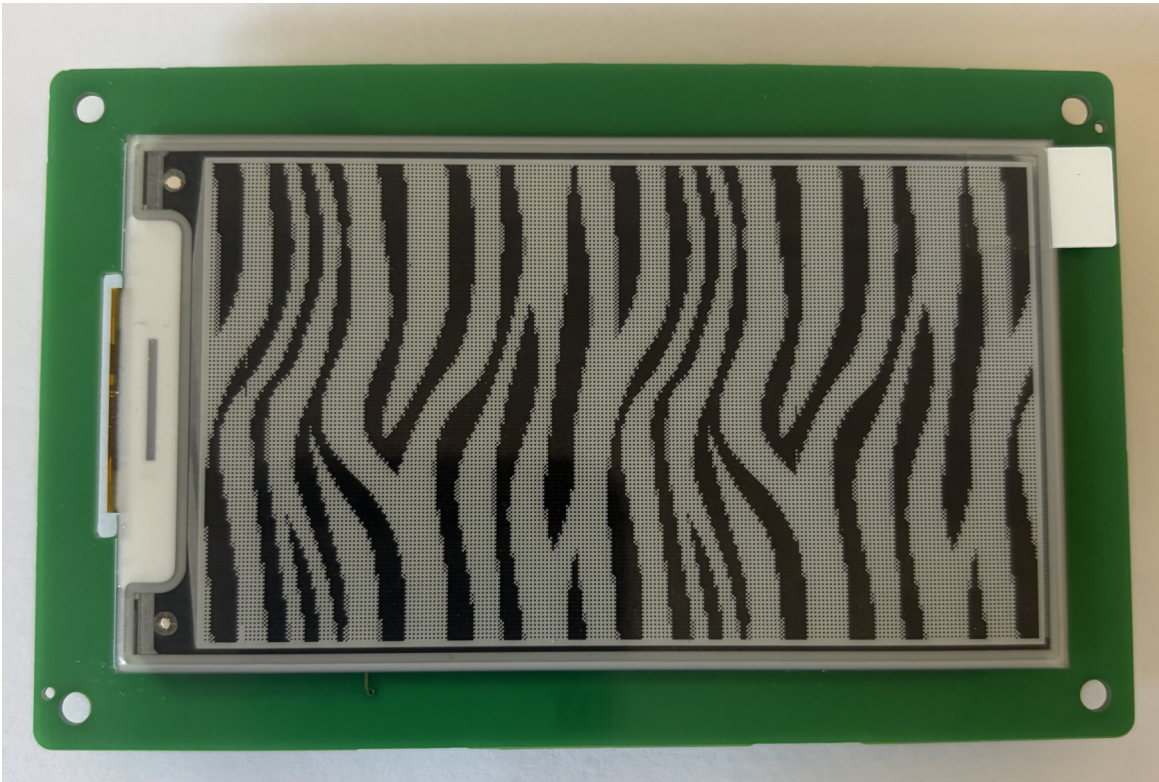
A motion-sensor version is available for an additional USD \$10 per unit.

Each slideshow includes loop images that play when motion is detected.

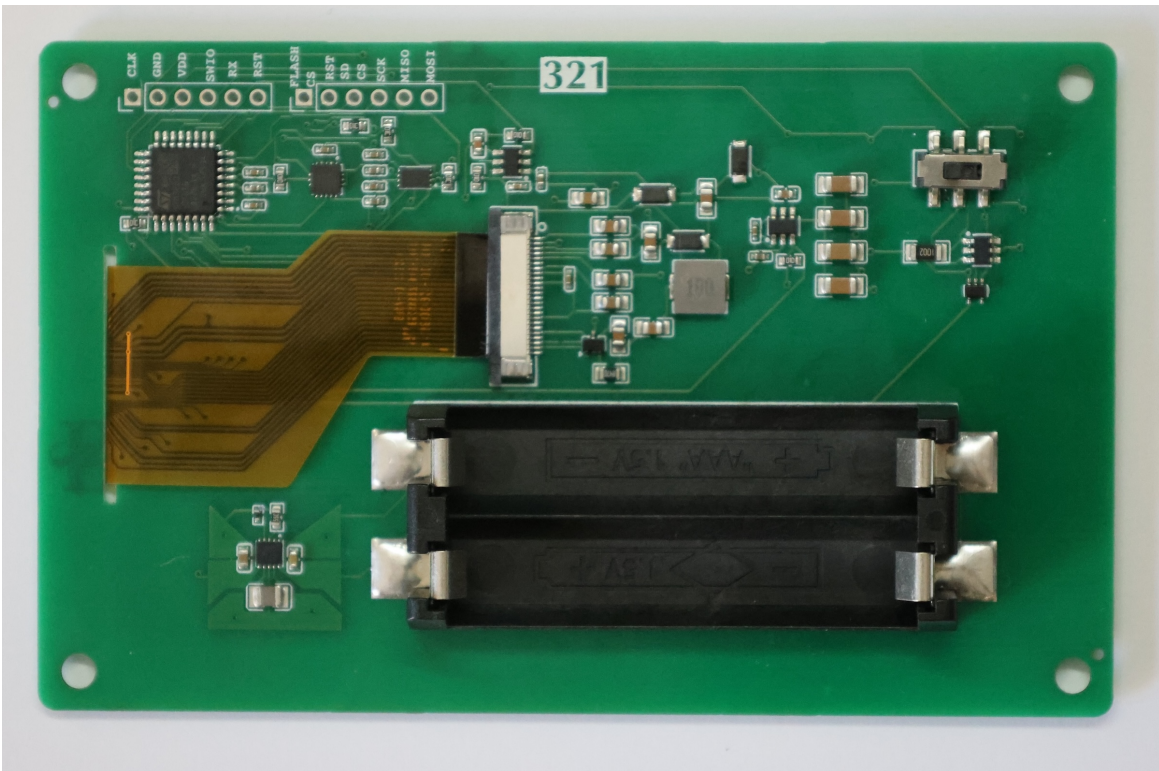
The switch controls whether the device responds to motion. When it is off, the device enters sleep mode and can display an optional sleep image. It ignores motion while asleep.

When the switch is on, the device shows the first loop image or an optional idle image while it waits for motion. When it detects motion, it plays the loop images. Once motion stops, it returns to the first loop image or the idle image.

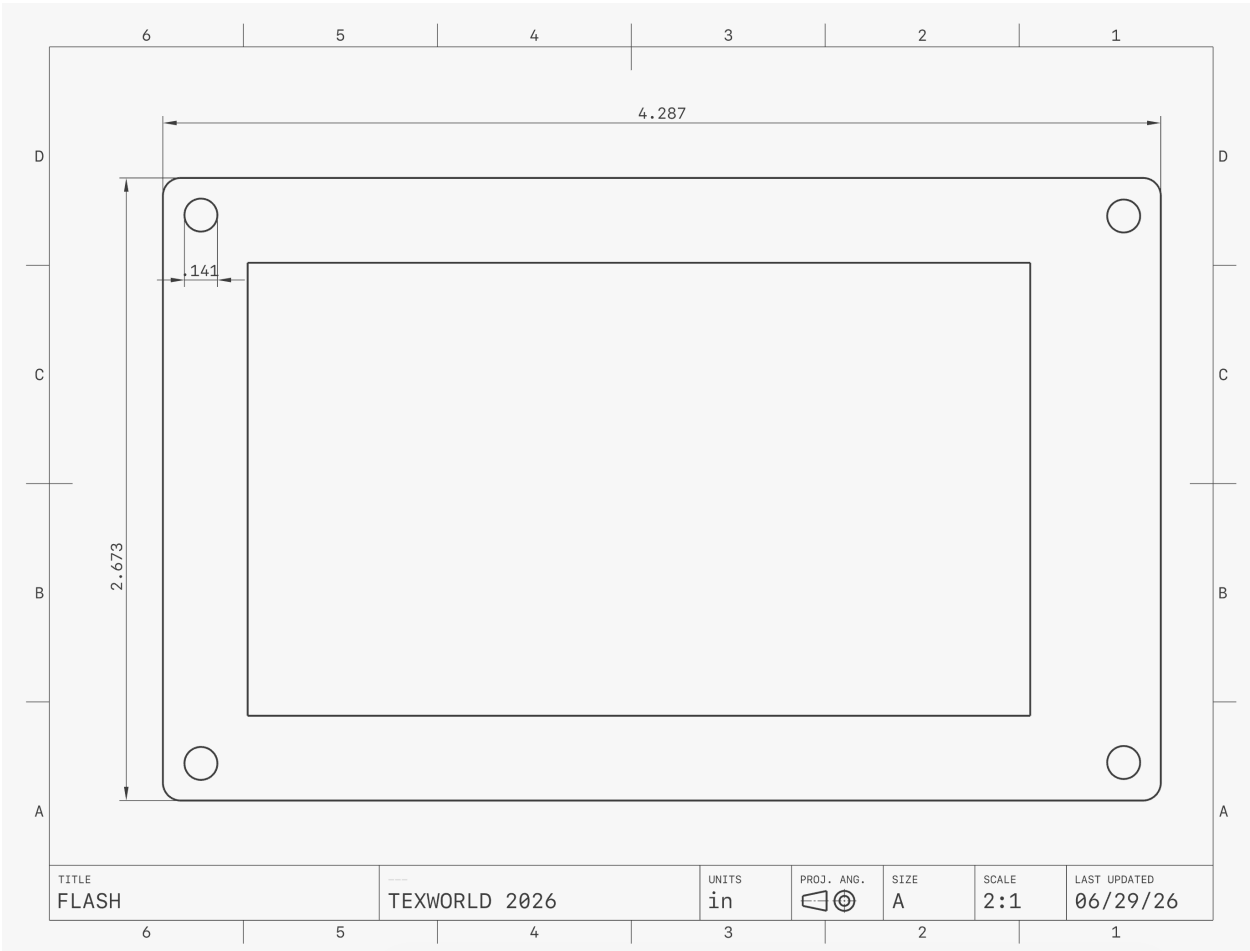
Front



Back



Dimensions



Flash Battery Life Estimates

These are rough estimates with typical alkaline 2 x AAA batteries. An updated estimate can be provided once graphics and application details are provided.

Table 1: Estimated battery life by PCB

Configuration	Description	Estimated battery life
Switched mode	Images loops for one hour every three days.	About 2–3 months
Motion sensor mode	Images loops when motion detected two times a day for one hour.	About 1–2 months
Non-stop updating	Display changes every 30 seconds non stop.	About 1–2 weeks

Thank You

We appreciate your interest in Bloo Ink. If you have any questions, please email NAZ@BLOOINK.COM.

The Flash Sample Pack is available online at <https://www.blooink.com/purchase/flash-sample-2026> with discount code 2026TEXWORLD for \$200 off.

We look forward to all the wonderful things you make!