



Newton X

Heavy-Hitting Solution in
Lightweight Hardware

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Newton X

Experience a more seamless itemized product labeling with Newton X. This latest innovation from SOLUM puts Newton's unparalleled power and speed in an extremely lightweight and compact package – truly the world's smallest ESL.

With Newton X, you can finally digitize the labels of your smaller, fragile, and more delicate products. From eyeglasses, fashion items such as shoes and bags, to furniture and home décor – Newton X blends into any items seamlessly and transforms your product labeling operations to a premium customer experience.

Thanks to its integrated button, Location-Based Services, and 7-color LED, you can also use Newton X to boost your store promotions and to make your product inventory management more efficient than ever before.

Elevate your business with this latest ESL innovation from SOLUM. Make your product labeling operations seamless with Newton X.



Achieve



The same real-time update speed and powerful features of Newton.

Seamless and discrete labeling of smaller, delicate, and premium products.

More flexible deployment in various retail sections.

Better in-store promotion campaigns and product inventory management.

Features

- Ultra-small size range
- 10x Update Speed
- 7-color LED
- NFC capability
- 5-7 Year Battery Life
- Location-Based Services (LBS) Enabled
- Unique Shelf Security Mechanism
- Customizable design
- Collision-free communication
- Auto channel selection
- Powerful Aims software deployable on Site, Cloud, and as SaaS

Tech Specifications

| | 1.0" EL010H3BRD/WWW | 1.3" EL013HEWRD/WWW | 2.2" |
|------------------------------|-----------------------------|------------------------------------------------|-------------------------------------------------------|
| Dimension | 47.79 x 17.60 x 8.80 mm | 28.8 x 71.3 x 5.95 mm | 37.30 x 67.60 x 6.95 mm |
| Active Display Area | 22.26 x 10.65 mm | 19.44 x 27.0 mm | 26.00 x 48.1 mm |
| Resolution | 184 x 88 px | 144 x 200 px | 296 x 160 px |
| Pixel Density | 210 dpi | 188 dpi | 156 dpi |
| Display Technology | Full Graphic E-ink Display | Full Graphic E-ink Display | Full Graphic E-ink Display |
| Pixel Colors | BWR | BWR | BWR |
| Viewing Angle | Nearly 180° | Nearly 180° | Nearly 180° |
| Usable pages | 3 pages | 7 pages | 7 pages |
| Operating Temperature | WR(0 ~ 40°C / 32 ~ 104°F) | BWR(0 ~ 30°C / 32 ~ 86°F) | BWR(0 ~ 40°C / 32 ~ 104°F) |
| Battery | CP301330(Pouch Type) | CR2032 x 2ea | CP302525 (Pouch Type) |
| Battery Lifetime | Up to 2 years(2 Update/day) | Up To 3 Years (2 Update & 1 led blinking /Day) | Up To 3 Years (2 Update & 1 led blinking /Day * 25°C) |
| Encryption | 128-Bit AES | 128-Bit AES | 128-Bit AES |
| Compliance | CE, RoHS, FCC | CE, RoHS, FCC | CE, RoHS, FCC |