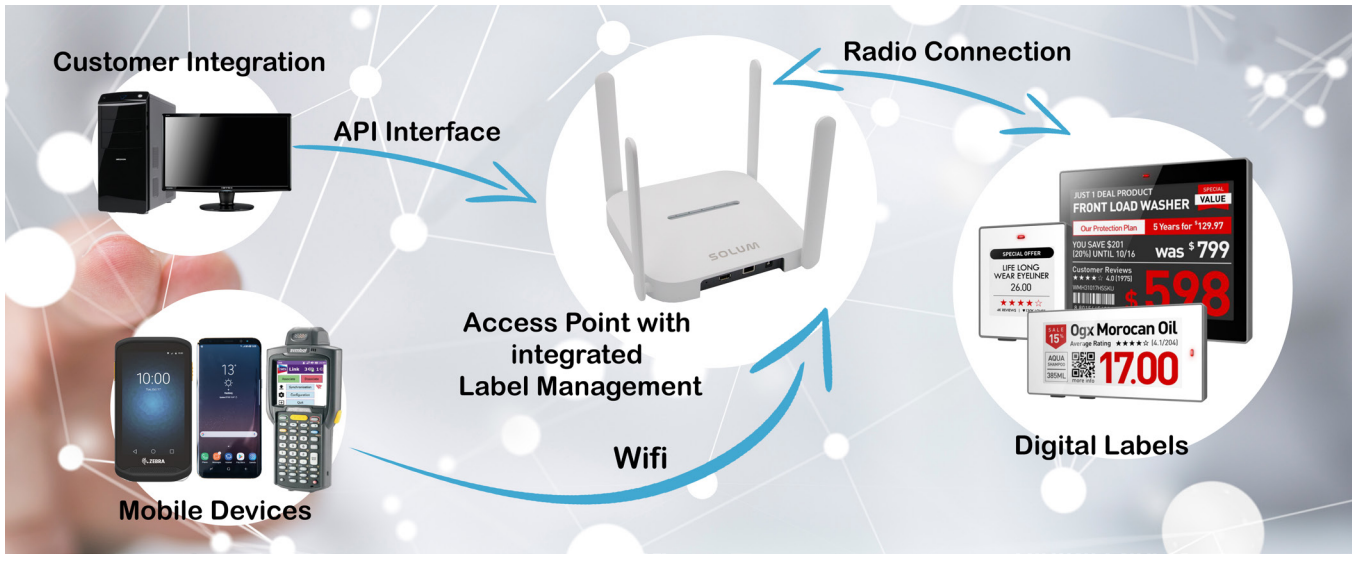
DIGITAL LABELING WITH THE NEWTON SERIES

e-shelf-labels

INFRASTRUCTURE

e-shelf-labels



TECHNICAL DATA

Display:

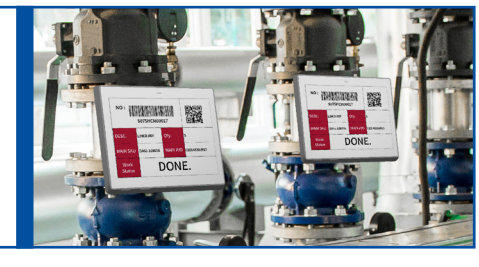
- Full graphic E-ink Display
- 100 - 184 dpi Resolution
- Color space: BW, BWR, BWY
- nearly 180° viewing angle

Operation:

- 2 Buttons
- 7 Colour LED
- 3 to 7 usable pages
- Operating temperature 10°C - 40°C (-25°C - 0°C Freezer)
- Waterproof according to IP67
- 5-10 years battery life with 1-2 updates/day
- Encryption by 128-bit AES
- Compliance: CE, ROHS, FCC/IC

Connectivity:

- NFC: FeliCa NFC Forum Type 3
- Frequency range: 2.4 GHz
- Wireless Firmware Updates for Labels

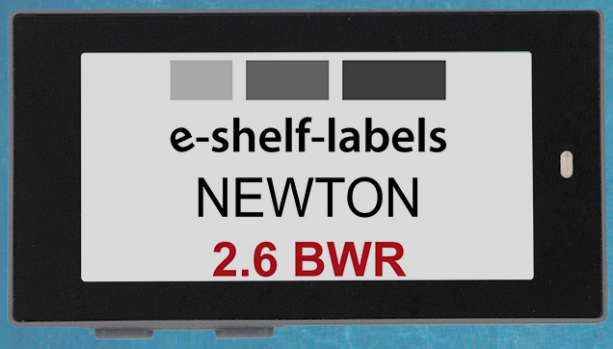


Display: 84,8 x 63,6 mm

Display: 163,2 x 97,9 mm

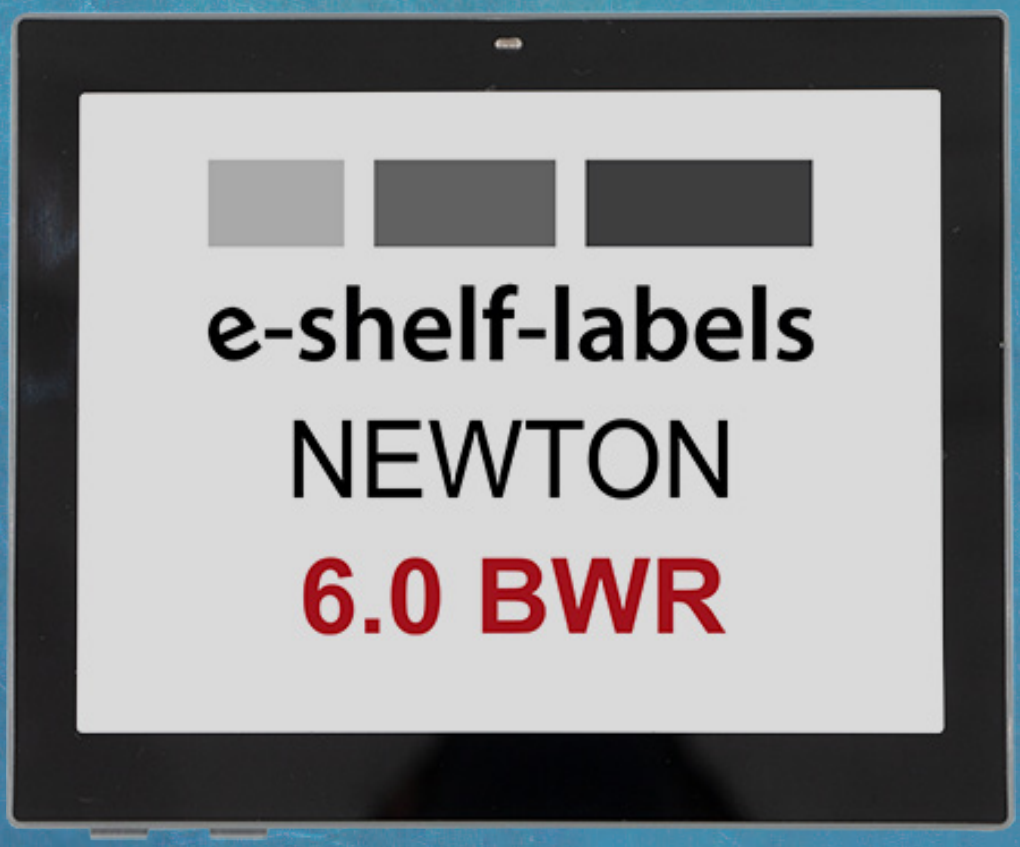
Display: 105,4 x 30,7 mm

Display: 27,0 x 27,0 mm
optional without buttons



Display: 60,1 x 30,7 mm
optional Freezer, without buttons

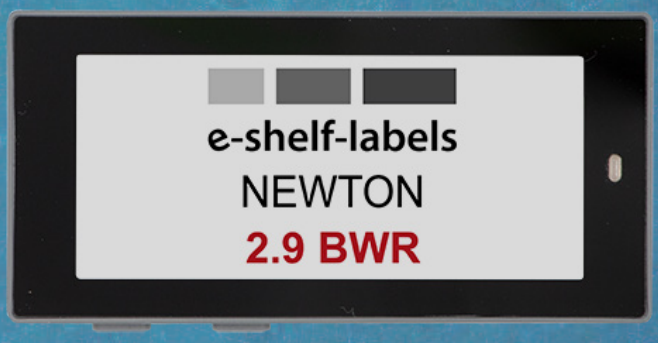
Display: 48,1 x 26,0 mm
optional Freezer,
without buttons



Display:
114,9 x 85,8 mm

Display:
163,0 x 244,5 mm
Scale: 1:1,6

Display: 57,3 x 38,1 mm



Display: 67,6 x 29,6 mm
optional without buttons

OVERVIEW

	HF (2,4 GHz)
Response times (low quantity)	●●●●●
Response times (high quantity)	●●●●●
System scalability	Additional labels via larger licenses of the software. Rollout across multiple sites via VPN or cloud, hardly any hardware limitations.
Backward compatibility	Own gateway/access points; Separate USB dongle that can be operated via Ethernet over USB if available
Available label sizes	10 sizes in 2 versions
Availability of labels	Warehouse capacity in Europe; When ordered from HQ, about 16 weeks delivery time.
Available housing colors and configurations	2 housing colors, customizable depending on quantity
Support effort	Required for installation and setup
System variants	On-premise, Cloud
Setup effort	Local software installation, template design, deployment of template and backoffice configuration
Software GUI	AIMS (On-premise or Cloud)
LED speed	●●●○○

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