

ARNE NLS Advisor

Clinical Decision Support System For newborn life support



Combining international Newborn Life Support (NLS) guidelines with real-time vital signs monitoring, the ARNE NLS Advisor supports the delivery room team with visual and audio feedback throughout newborn resuscitation.

Designed for both real-life resuscitations and training simulations, the ARNE NLS Advisor helps improve adherence to NLS guidelines and enhances resuscitation skills. By reducing cognitive load, it minimizes errors and contributes to better survival outcomes.

**Sharpen Focus
Improve outcomes**



Real-Time Guidance

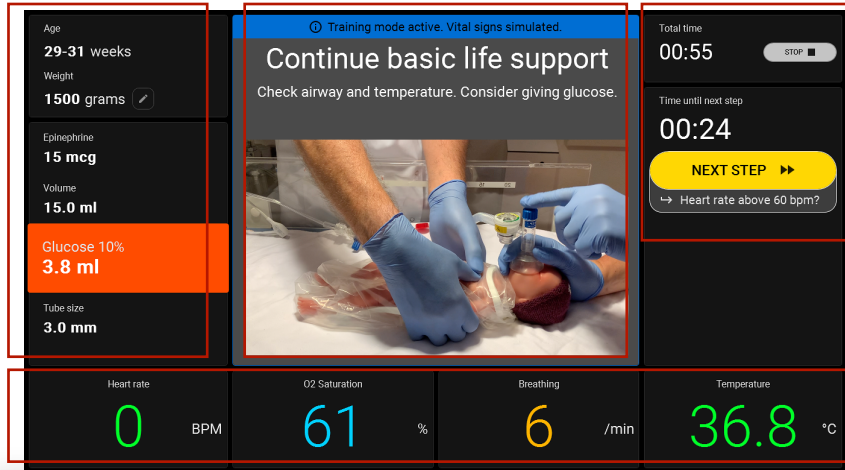
Audio and visual support for every step of the international NLS

Automatic, Weight-Based Calculations

Instantly computes:

- Medication volume
- Glucose dosage
- Endotracheal tube size

All tailored to the newborn's weight and age for safe, accurate dosing.



The ARNE NLS Advisor tracks both the total elapsed and interval times of the NLS procedure, precisely guiding the team through every step of the Newborn Life Support algorithm.

Stay on track.
Stay in control.

Real-time interfacing of newborn vital parameters



Specifications

Main Specifications

Processor	Intel® Skylake Dual-Core i5 /Celeron 3955U
System Memory	DDR4 up to 16GB
OS Support	Microsoft® Windows 7 Microsoft® Windows 8.1 Microsoft® Windows 10 Ubuntu 18.04 LTS IGEL (thin client solution)
Graphics	Intel® HD Graphics 520
Storage	M.2 SSD up to 512GB (optional)
Wireless Communication	802.11 ac/a/b/g/n + BT 4.0 (optional)
Touch	Project Capacitive Touch / Resistive Touch
Speaker	3W x2
Security	TPM 2.0

Display

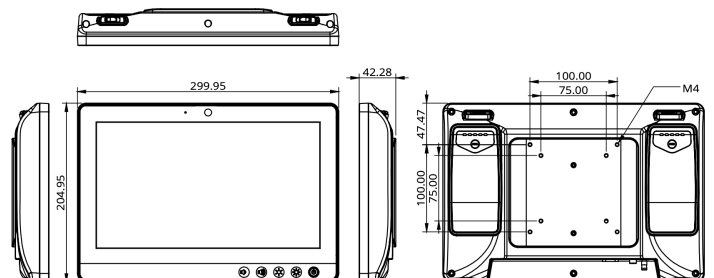
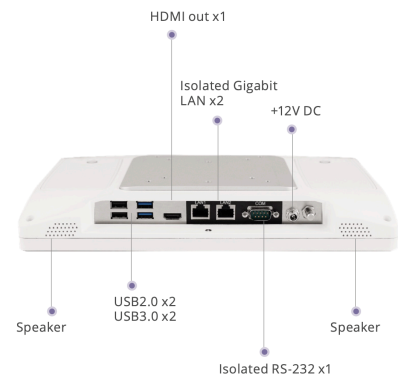
Display Size	11.6"
Resolution	1366 x 768
Max. Colors	262K
Contrast Ratio	500:1
Luminance (cd/m2)	250

I/O

USB	USB 3.0 x2, USB 2.0 x2
Video Out	HDMI out x1
COM	COM port x1
Ethernet	Gigabit LAN x 2
DC-in	12V DC-in x1

Mechanical and Environmental

VESA	75/100 mm VESA mount
Operating Temperature	0°C ~ 35°C (32°F ~ 95°F)
Storage Temperature	-20°C ~ 60°C (-4°F ~ 140°F)
Storage Humidity	10%~95%@40°C, non-condensing
Dimension	300(L) x 43(W) x 205(H) mm
Net Weight	1.9kg
Packing Size	420(L) x 185(W) x 345(H) mm
Gross Weight	2.6 Kg
Certifications	CE: EN 60601-1-2:2015(V4.0), EN 60601-1:2006/ A1:2013(V3.1) FCC: Part 18 Class B UL: ANSI/AAMI ES60601-1:2012 (V3.1) cUL: CAN/CSA-C22.2 No. 60601-1:2014 (V3.1)



Less mistakes
better survival

www.arne.health