

ARNE

Newborn Life Support Advisor device

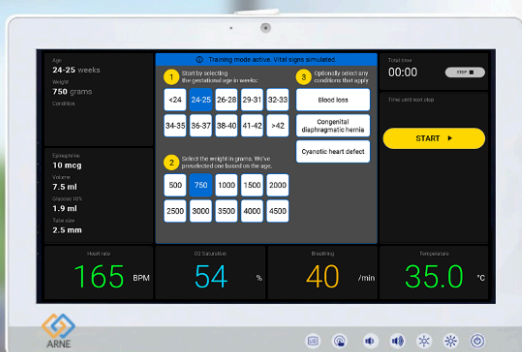
Clinical Decision Support System



Combining the international Newborn Life Support (NLS) guidelines with real-time vital signs parameter readings of the newborn baby, the ARNE NLS Advisor device guides the delivery room team with visual and audio feedback during the newborn resuscitation procedures.

Designed for real-life resuscitation as well as training and simulation scenarios, aiming to improve NLS guideline adherence and resuscitation skills, by reducing cognitive load, resulting in less mistakes and better survival.

Increase Focus
Better outcomes

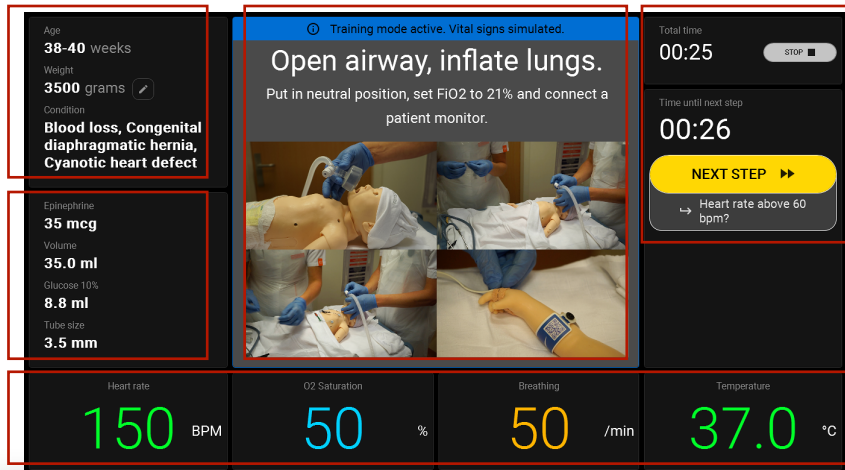


Real-time audio and visual guidance of all steps of the international Newborn Life Support algorithm

Gestational age, weight and optional newborn condition specifications

Automatically calculating:

- Medication
- Volume
- Glucose
- Tube size



Interfacing total elapsed time of NLS procedure.

Tracking interval timing and interfacing next step of the Newborn Life Support algorithm

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

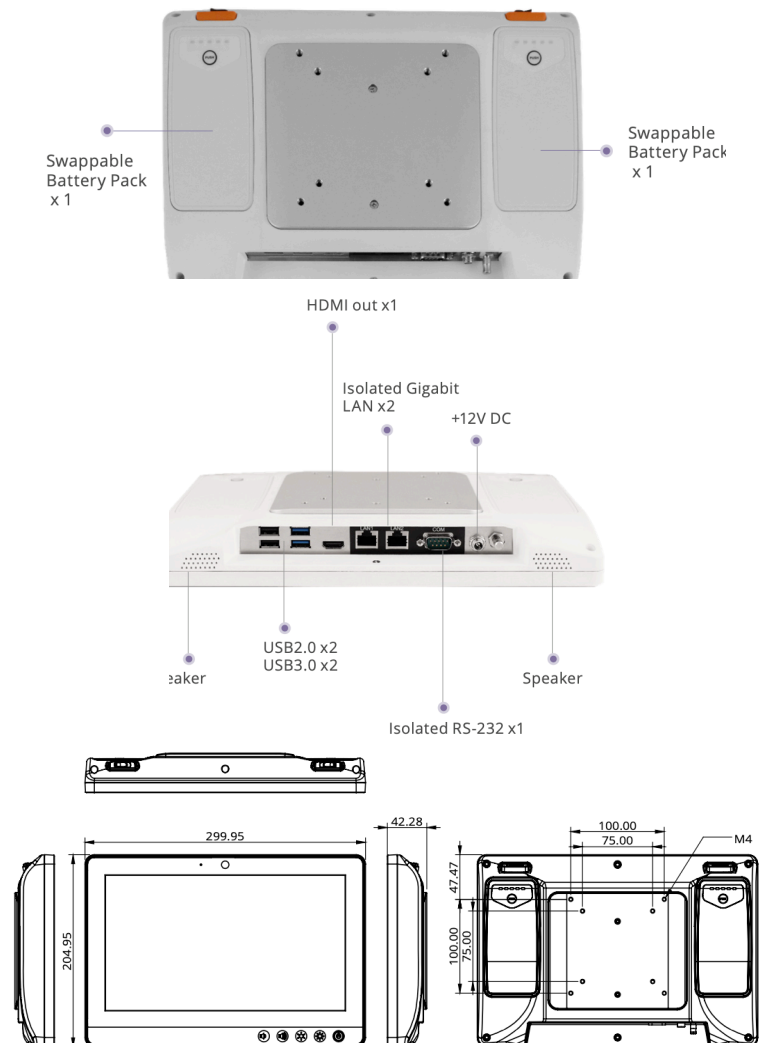
| | |
|-------------------|------------|
| Display Size | 11.6" |
| Resolution | 1366 x 768 |
| Max. Colors | 262K |
| Contrast Ratio | 500:1 |
| Luminance (cd/m2) | 250 |

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

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