

# ALEX / AXEL



ALEX is a cloud-connected patient simulator that includes a 5-year software subscription, which becomes activated after purchase. Following the initial 5 years, ALEX's computerized functionality requires an annual paid software subscription.

AXEL is a cloud-connected patient simulator. Its computerized functionality requires a software subscription, which is included for the lifetime of the product.



**I am the only patient simulator with speech recognition ability.**

ALEX: I respond to clinical interview questions with answers related to my scenario.

AXEL: I have a manual microphone/speaker so facilitator and student can speak to each other.



**I am the first patient simulator with a built-in HD camera.**

IrisCam™ streams low latency video from the right eye.

AXEL and ALEX Plus can record 1,000 hours of video.

ALEX Pro has unlimited recording.



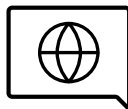
**I am cloud-connected and accessible from all your devices.**

Goodbye instructor workstations & access licenses.



**My vital sounds are crystal clear in any stethoscope.**

Wireless SmartScope™ plays realistic sounds driven by under-skin location tags.



**ALEX: I speak & understand English, French, and Spanish.**

I am learning new languages all the time so I can help train more learners all around the globe.



**I am affordable to help you make simulation ubiquitous.**

Fully equipped including 5-year warranty (1-year for ALEX LITE) and all cloud services.

# ALEX AXEL

IrisCam™ HD camera in the eye for patient point-of-view live streaming and debriefing.  
**ALEX Plus & AXEL:** can record 1,000 hours of video.  
**ALEX Pro:** Unlimited recording.

**Conversation:** activate AI feature with shoulder touch: responds to thousands of medical patient questions (ALEX models only). Built-in microphone and speakers facilitates real-time conversation.

**CPR with LIVE metrics** charting depth, rate and ventilations.

**Spontaneous Breathing:** Synchronized with Respiratory Rate.

**Patient Monitor** with Vitals And Waveforms, HR, RR, ETCO2, SPO2, TEMP, BP, ECG & MAP.



**Palpable pulses:** bilateral, carotid, brachial, radial, dorsalis pedis.

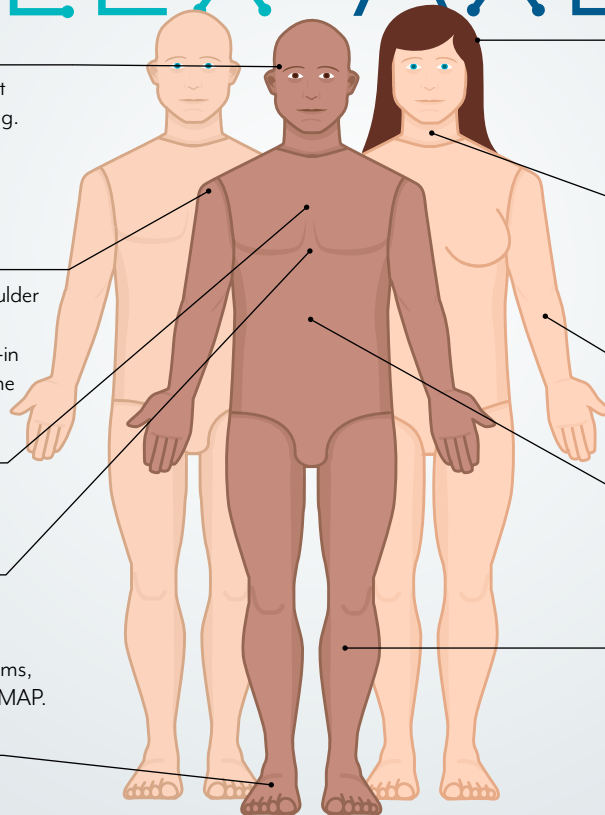
**Female Conversion Kit:**  
**101-7160** Light Skin Tone  
**101-7160M** Medium Skin Tone

**Airway:** oral, digital, and nasal intubation, as well as all other standard airway procedures.

**Bilateral Blood Pressure** (Manual & 2-step BP) with SmartScope™ & SmartCuff™

**Anterior heart and bowel sounds, anterior/posterior lung sounds** with SmartScope™.

**Height: 5 ft. 1 in. (1.55 m)**  
**Skin Tones:** Available in  Light and  Medium.



## SOFTWARE HIGHLIGHTS

**Real-Time Remote Simulation Control**  
 Adjusts vitals, speech, and sounds using any Internet-connected device. Collect checklist data, watch live video.

**Patient Authoring**  
 Create new patients by customizing vitals, checklists, patient file, and all speech questions and responses. Share and collaborate with other ALEX/AXEL/PCS users. Scenarios included with customizable patients, virtual patients (for ALEX Pro), patient orders.



Included Wi-Fi® tablet for simulator setup & use

**Simulation Archive**  
 Search and review your past simulation sessions with trend charts, logs, and checklists. View Events, Objectives & Orders Log Entry Record, Communication Transcription Log Entry Record.

**Access Control**  
 Student access for patient file and vitals monitoring. Share full simulator control and patient scenario authoring with collaborators. Access to Teamspace.

### ALEX LITE

Includes: manikin with all physiological features, preconfigured Wi-Fi® tablet, web-based control, access sharing and content authoring, advanced speech features (250 questions/day), IrisCam™ live streaming, 60 days of simulation log archive, 1-year warranty.

**101-7130** Light **101-7130M** Medium

### ALEX PLUS

Includes: all LITE features and increased requests (1,000 questions/day), IrisCam™ recording (1,000 hours of sessions stored online), live CPR with metrics charting depth, rate & ventilations, 365 days of simulation log archive, 5-year warranty.

**101-7140** Light **101-7140M** Medium

### ALEX PRO

Includes: all PLUS features and unlimited number of requests, unlimited IrisCam™ recording, 5-years of simulation log archive, live CPR with metrics charting depth, rate & ventilations, model-driven physiology, drug treatments, 5-year warranty.

**101-7150** Light **101-7150M** Medium

### AXEL

Includes: all ALEX PLUS features and manual microphone/speaker, IrisCam™ recording (1,000 hours of sessions stored online), 365 days of simulation log archive, live CPR with metrics charting depth, rate & ventilations, model-driven physiology, drug treatments, lifetime software service license, 5-year warranty.

**101-7210** Light **101-7210M** Medium

#### Optional IV Arm in 2 Skin Tones

- 101-8029** ALEX/AXEL Optional IV Arm Light Skin Tone – Right
- 101-8029M** ALEX/AXEL Optional IV Arm Medium Skin Tone – Right

#### ALEX Upgrades

- 101-8030UPPLUS** ALEX Upgrade Lite To Plus
- 101-8030UPPRO** ALEX Upgrade Lite To Pro
- 101-8040UPPRO** ALEX Upgrade Plus To Pro

#### ALEX Extended Warranty

- 101-8040EXS** ALEX Plus Extended Yearly Service Fee
- 101-8050EXS** ALEX Pro Extended Yearly Service Fee

# ALEX / AXEL Comparison Chart

Weight: 45 lbs. (20 kg) Height: 5 ft. 1 in. (1.55 m) Sh. wt. 67 lbs. (30 kg) Sh. Dimensions: 41" H x 19.5" W x 15" D	ALEX LITE	ALEX PLUS	ALEX PRO	AXEL
<b>Light Skin Tone</b>	<b>101-7130</b>	<b>101-7140</b>	<b>101-7150</b>	<b>101-7210</b>
<b>Medium Skin Tone</b>	<b>101-7130M</b>	<b>101-7140M</b>	<b>101-7150M</b>	<b>101-7210M</b>
<b>Adult/Adolescent Full Body Patient Simulator</b>	<b>\$</b>	<b>\$\$</b>	<b>\$\$\$</b>	<b>\$\$</b>
Speech Recognition (NLP)	Up to 250 questions per day	Up to 1,000 questions per day	Unlimited	Manual microphone/ speaker allows facilitator and student to speak to each other.
Intubation - Oral, Nasal and Digital	Yes	Yes	Yes	Yes
Palpable Pulses - Bilateral	Yes	Yes	Yes	Yes
Carotid	Yes	Yes	Yes	Yes
Brachial	Yes	Yes	Yes	Yes
Radial	Yes	Yes	Yes	Yes
Dorsalis Pedis	Yes	Yes	Yes	Yes
Bilateral Blood Pressure (Manual & 2-step BP) with Smartscope & Smartcuff	Yes	Yes	Yes	Yes
Anterior Heart and Bowel Sounds with Smartscope	Yes	Yes	Yes	Yes
Anterior/Posterior Lung Sounds with Smartscope	Yes	Yes	Yes	Yes
Spontaneous Breathing - Synchronized with Respiratory Rate	Yes	Yes	Yes	Yes
BVM Ventilation	Yes	Yes	Yes	Yes
Patient Monitor with Vitals And Waveforms HR, RR, ETCO2, SPO2, TEMP, BP, ECG & MAP	Yes	Yes	Yes	Yes
Virtual AED/Pacing & 12 Lead ECG	Not Available	Yes	Yes	Yes
CPR with Metrics Charting Depth, Rate & Ventilations	LOG	LIVE	LIVE	LIVE
Real-Time Remote Simulation Control	Yes	Yes	Yes	Yes
Scenarios Included with Customizable Patients	Yes	Yes	Yes	Yes
Measurable Objectives with Automated Assessment	Yes	Yes	Yes	Yes
Patient Orders	Yes	Yes	Yes	Yes
Model-Driven Physiology	Not Available	Not Available	Yes	Yes
Drug Treatments	Not Available	Not Available	Yes	Yes
Built-In Microphone and Speakers	Yes	Yes	Yes	Yes
Events, Objectives & Orders Log Entry Record	Yes	Yes	Yes	Yes
Communication Transcription Log Entry Record	Yes	Yes	Yes	Not Available
Iris Cam - Live Stream	Yes	Yes	Yes	Yes
Iris Cam - Recording	Not Available	1,000 hours	Unlimited	1,000 hours
Simulation Log Archive	60 days	1 year	5 years	1 year
Teamspace	Not Available	Not Available	Yes	Not Available
Cloud Connected Control	Yes	Yes	Yes	Yes
Virtual Patient	Not Available	Not Available	Yes	Not Available
Warranty	1 year	5 years	5 years	5 years
IV Arm - Optional	Optional	Optional	Optional	Optional
Female Conversion Kit - Optional	Optional	Optional	Optional	Optional