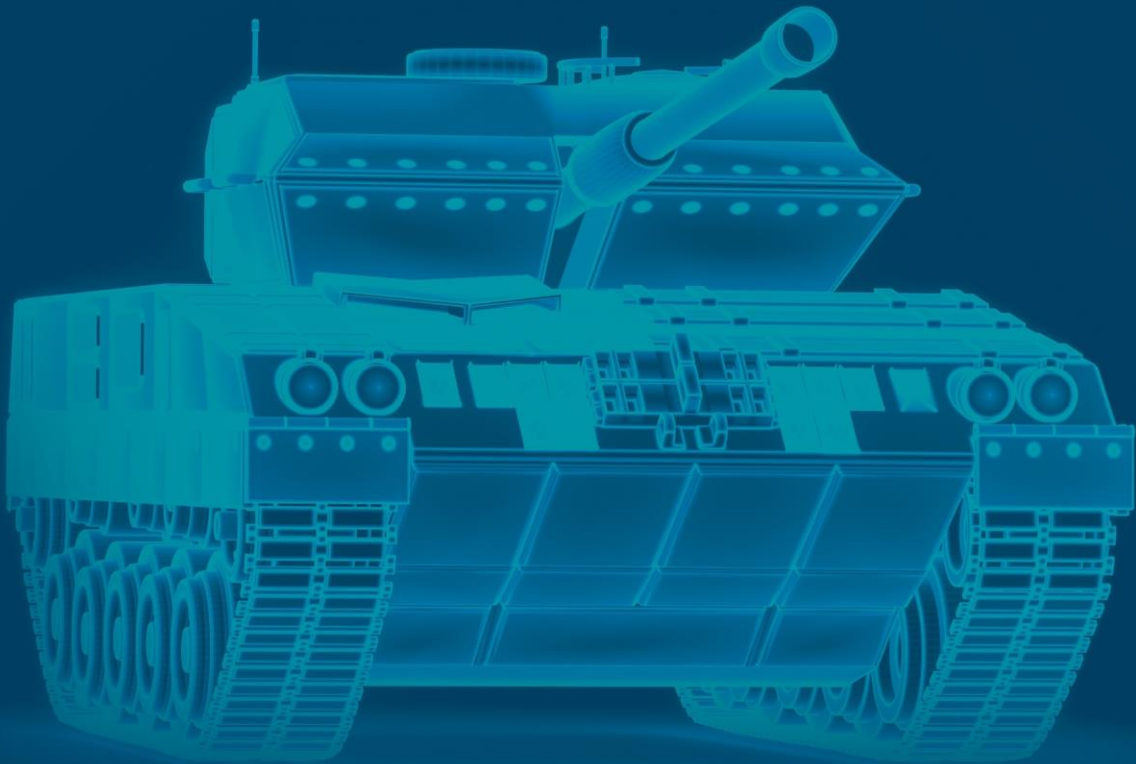


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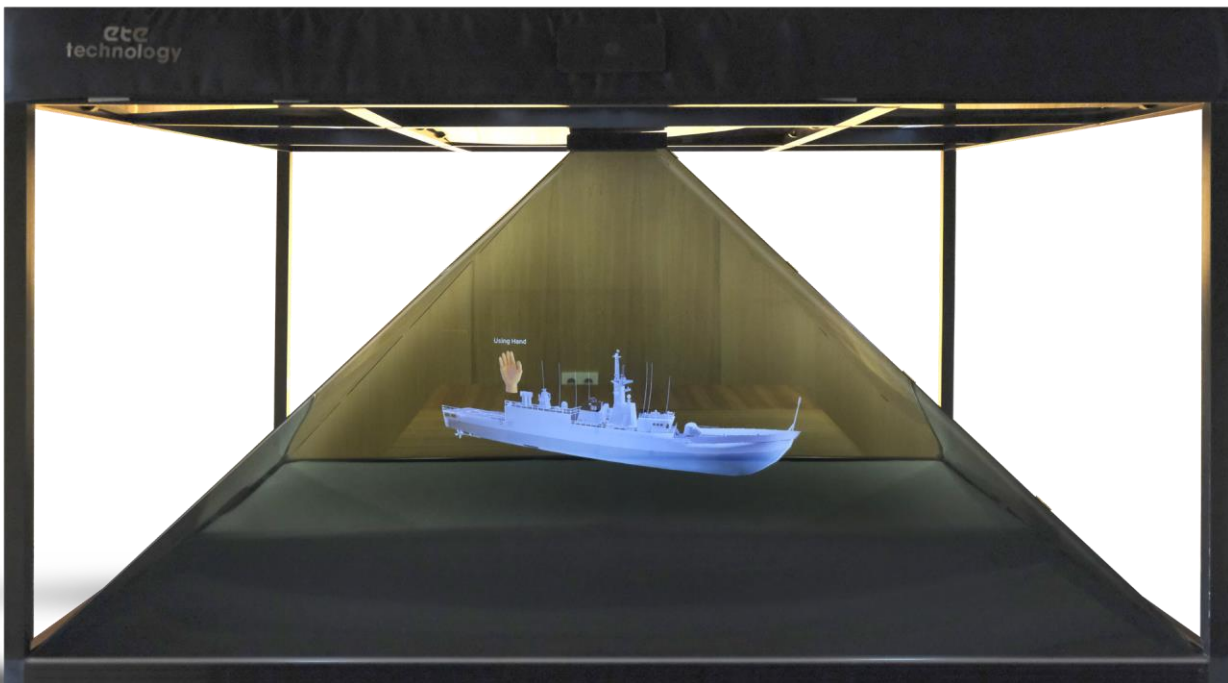
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**Artificial Intelligence  
Supported Recognition  
Trainer and Sandbox (ARTS)**



# What is ARTS?

ARTS is a three-dimensional (3D) holographic visualization hardware and software that exploits state of art technologies including advanced artificial intelligence. It can be used in one of the following modes: recognition trainer, holographic multi-picture sandbox.

It is designed to support various processes including joint intelligence surveillance and reconnaissance (JISR) training, equipment/facility design and familiarization, wargaming and exercises in tactical and operational levels.

It is seamlessly integrated with hymots®c to enhance the user experience during computer assisted wargames and exercises.

ARTS is a patented technology of our company.

# 01

# Key Product Features

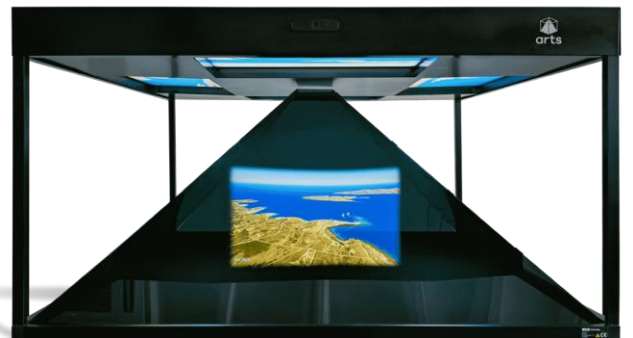
## Recognition Trainer Mode

- 3D visualization
- Simultaneous 360° visualization
- Voice and gesture recognition
- Training and testing modes



## Holographic Multi-picture Sandbox Mode

- Seamless hymots® integration
- 3D visualization
- Simultaneous 360° visualization
- Voice and gesture recognition
- Multi perception wargaming around a single table
- Agile and dynamic operational picture manipulation



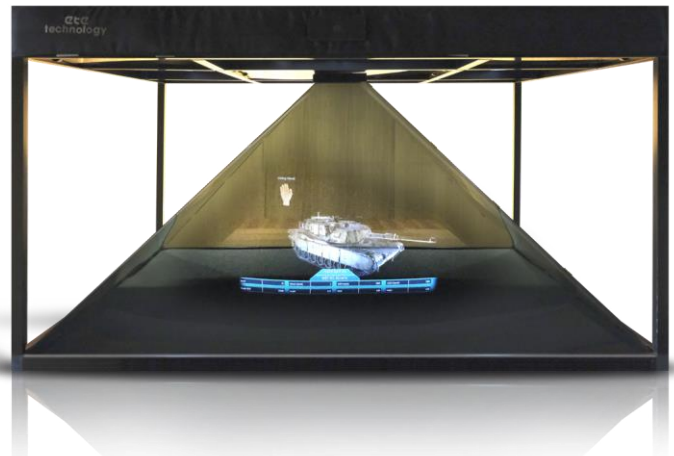
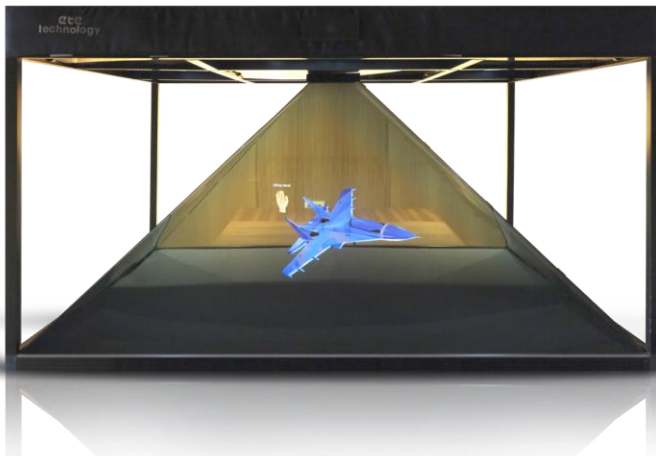
# 02

# Product Information



# 02.1

## The software for Recognition Trainer



**Dynamic Learning:** Holographic technology supports the training of the reconnaissance and intelligence staff on recognition of combat systems and facilities. Users can get better insight on the features of an object.

**Training Mode:** This mode focuses on the user's learning process. It presents rich content, simulations and interactive visuals. Trainees can progress at their own pace, access learning materials, and delve deeply into topics.

**Testing Mode:** The testing mode is designed to reinforce learning and measure knowledge. It assesses users' understanding by presenting questions, simulations or interactive scenarios related to a combat system.

**Personalized Progress:** Both training and testing modes allow for personalized and adaptive learning experiences. Learners can identify strengths and weaknesses, focus on selected topics, and create a customized learning plan to address any gaps in understanding.

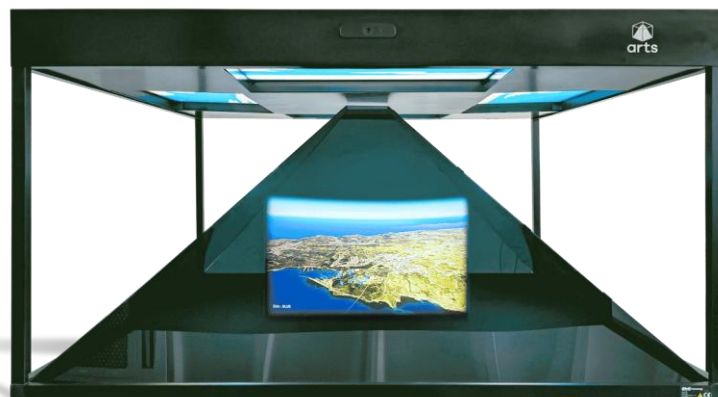
**Performance Evaluation and Enhancement:** While the testing mode evaluates user performance, the training mode facilitates improvements based on these assessments. This approach helps users to identify areas for improvement and concentrate on enhancing their knowledge and skills in a more effective manner.

# 02.2

## The software for Multi-picture Sandbox

Recognized pictures are generated by hymots®. Users can see the simulated theater from the same direction and with the same zoom level. Alternatively, the recognized pictures can be projected for various directions. It is also possible to synchronize the recognized pictures on the projection surfaces. For example, friendly recognized picture can be projected on one surface, and the opposing force recognized picture can be projected on the opposite screen from the opposite direction.

Recognized pictures are three dimensional. Units can be portrayed by using three-dimensional military symbology icons or entities such as tanks, people and artillery pieces.



# 02.3

## Product Content

### Key hardware components

1. Projection Surface
2. Frame and Mainboard
3. Monitors
4. Cameras and Microphone
5. Processing Unit
6. Software and 3D Models
7. Table

### Hardware specification

- Power supply: AC100-240 50/60Hz
- Power consumption (Active mode): 458W
- Power consumption (Sleep mode): 283W
- Product dimensions:
- Size (outer dimensions) 160 x 160 x 80 cm
- Product weight: 55 kg
- Resolution (per image surface) : 1.920 x 1.080





Models



**arts<sup>®</sup>**  
**150**

150 cm × 150 cm



**arts<sup>®</sup>**  
**120**

120 cm × 120 cm



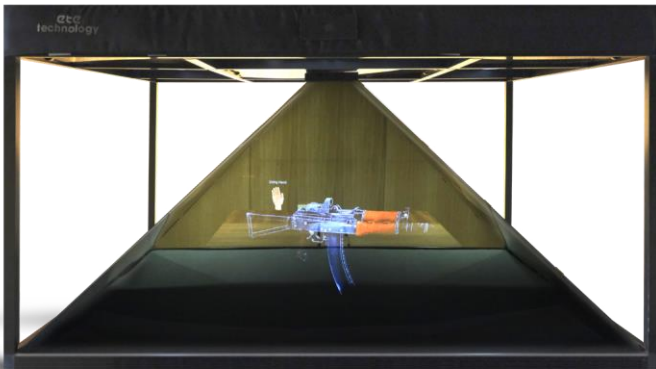
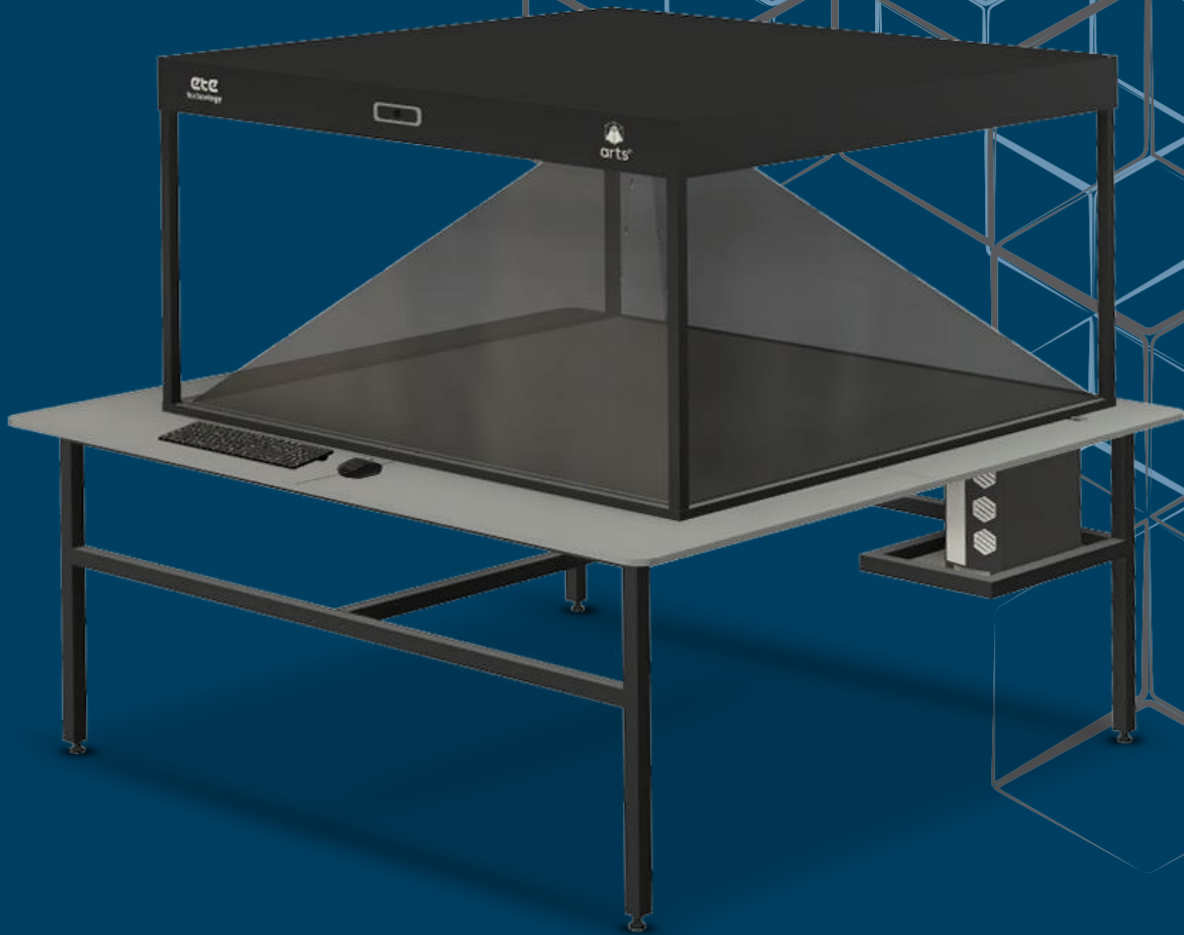
**arts<sup>®</sup>**  
**100**

100 cm × 100 cm



# 03

## Product License



Hardware and software license are perpetual with five-year warranty for hardware and software troubles, and includes new release for one year. Annually about 100 new 3D models are released. Models are included also in hymots® database. After the end of the first year, license need to be renewed for the new software releases and models.



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