

AUTONOMOUS DE-ESCALATION ROBOTIC TRAINER

REALISTIC, INTERACTIVE, AND REPLICABLE TRAINING FOR LAW ENFORCEMENT



- 1 Realistic mannequin is INTERCHANGABLE with different ethnicities, genders, and clothing
- 2 Integrated display for face rendering, expressions, and lip-sync
- 3 Integrated speakers to simulate speech
- 4 Microphone & dialogue system for carrying on conversations with trainee
- 5 Mechanical arms with gesture capabilities
- 6 Robotic software controls motion. Artificial intelligence generates HUMAN-LIKE behaviors.
- 7 Integrated batteries and charging for a 4 HOUR runtime
- 8 Caster wheel design for moving indoors
- 9 Robtic sensors for advanced movement



NOTABLE FEATURE



MOBILE APP OPERATION

Used for scenarios, remote control, and feedback

CONTACT

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SPECIFICATIONS

DIMENSIONS

Height: 5'10"

Width: 32"

SCREEN DIMENSIONS

5" x 7"

PROCESSOR

Nano Pi 4

LOGIC

Artificial Intelligence

SCENARIOS

4 w/ complaint/non-compliant

OPERATION

Mobile app; iOS/Android

MOVEMENT

Lidar motion sensing, 0 degree

turning

SPEECH

Speech generation, voice detection

OVERVIEW

The ADRT uses artificial intelligence to create HUMAN-LIKE behaviors to mimic real-life scenarios that law enforcement officers encounter. This produces REALISTIC, INTERACTIVE, and REPLICABLE training for law enforcement preparing to enter the field.

The ADRT uses lidar technology to sense its surroundings, enabling the robot to interact with the officer with both voice and movement. ADRT scenarios are update to continuously meet the ever-changing needs of law enforcement and our community.

The ADRT is bringing the forefront of technology and training to the law enforcement community, increasing efficiency and impact.