

AUTONOMOUS DE-ESCALATION ROBOTIC TRAINER

REALISTIC, INTERACTIVE, AND REPLICABLE TRAINING FOR LAW ENFORCEMENT



- 1 Realistic mannequin is interchangeable 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 **Robotic sensors** for advanced movement



MOBILE APP OPERATION

Used for scenarios, remote control, and feedback



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.**

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PATENT PENDING