GATEIN TECHNOLOGY
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PRODUCT PRESENTATION · AI EDUCATION

AI Drawing Kit

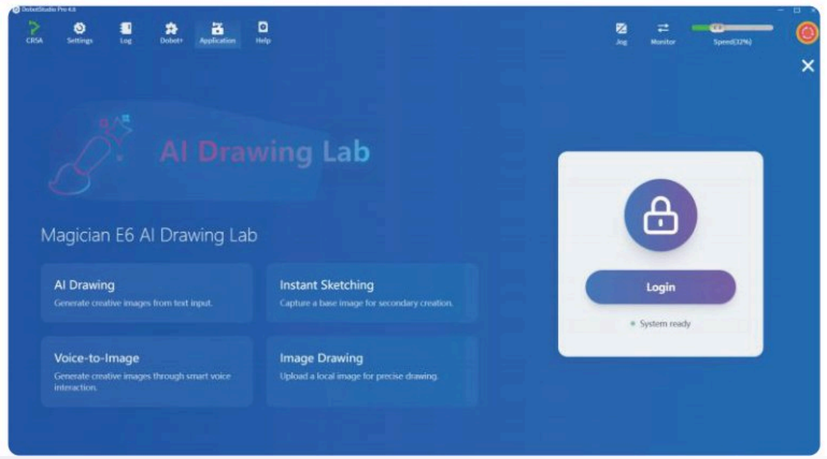
Multimodal AI + Robotic Arm

Enabling a new era of smart, accessible education: an intelligent drawing suite that combines AI-generated art with robotic arms.

Presented by GateIn Technology · Exclusive DOBOT partner in Egypt



AI Drawing Kit key features



Seamless AI + robotics education

Students create AI-generated art and learn how robotic arms collaborate with intelligent systems through precise control.

Upload image for drawing

Upload facial photos or hand-drawn sketches; the AI generates stylized artwork.

AI prompt-based drawing

Voice or text prompts generate unique, original designs.

Capture and draw

The camera captures sketches; combined with prompts, AI completes the design.

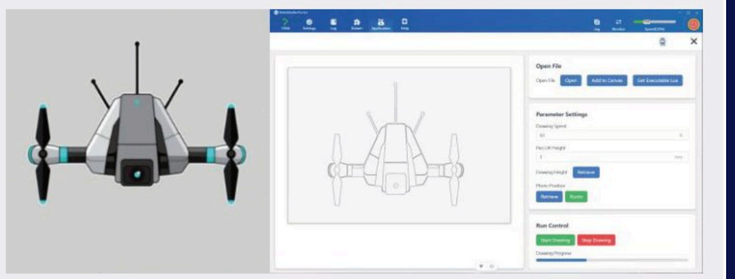
Real-time drawing preview

Preview the drawing trajectory before the arm draws.

Line art style

Adjustable-intensity line art for striking drawings.

Convenient A4 board & application scenarios



AI-generated Images Robotic Arm Drawing Trajectory

Standard A4 board

Aligns quickly with the arm base, cutting setup time.

Clear dimension markings

Accurately position the creative area.

Magnets for paper

Stable, practical paper fixation while drawing.

Primary, secondary & higher education

How robotic operations and AI drawing intersect.

Technology & innovation courses

Hands-on integration of programming, robotic control and AI.

Technology exhibition centres

Live demos of AI drawing and robotic collaboration.

Teaching content

Basic robotics usage, programming & control

Robotic structures, control systems and use cases in engineering.

AI and creative integration

How AI generates artwork from prompts or images, and its uses in art and design.

AI algorithm principles

Machine learning, visual image processing and path planning.

STEM cross-disciplinary practice

Programming, robotic control and AI applied together.

AI Drawing Kit Configuration list



Item	Qty	Description
A4 drawing board	1 pc	Writing/drawing paper positioning board
2D camera	1 pc	Captures base images for overlay drawing
Camera data cable	1 pc	Camera communication cable
Pen holder	1 pc	Custom metal pen clamp (doubles as camera mount)
Drawing pen	1 pc	Arm-mounted pen for precise drawing/writing
Round base magnets	1 set	Works with the A4 board for paper fixation
AI drawing software	1 licence	AI drawing plugin with activation code

Magician E6 robotic arm not included; requires separate purchase. Installation toolkit includes assorted screws and screwdrivers.

GateIn One accountable partner

We don’t just ship the AI Drawing Kit. GateIn designs, supplies, installs, integrates and supports DOBOT solutions for universities, schools, government and industry, from the first plan to long-term support.

+120
ROBOTS SUPPLIED IN EGYPT
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91
LABORATORIES
Across 45 institutions

+30
STRATEGIC & GLOBAL PARTNERS

5
YEARS OF DELIVERY
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An integrator, not a vendor.

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Let’s plan your AI Drawing Kit deployment

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