



**AI 360 DEGREES VIDEO
RECORDING & PLAYBACK
ACTIVE SECURITY DEVICE**

PATENT

11, 516, 441

GRANTED

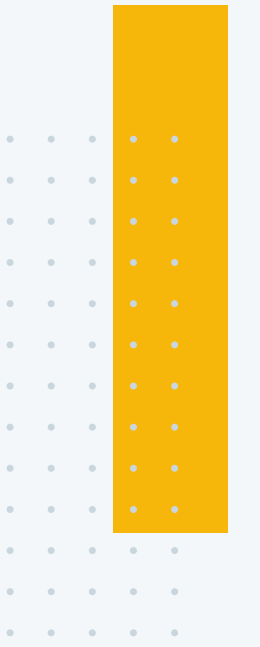
PATENT PRIVILEGE

Patent Number: US 11, 516, 441 B1
Filed: Grant
Date of Patent: Nov. 29, 2022
Inventor: Kanya Kamangu (Fayetteville, GA)
Primary Examiner: Sunghyoun Park
Application Number: 17/202, 417

CLASSIFICATIONS

Current U.S. Class: Plural Cameras (348/159)
International Classification: H04N 7/18 (20060101); H04N 5/77 (20060101);
H04N 5/232 (20060101); H04N 5/225 (20060101)

EXCEPTIONAL ACTIVE SECURITY DEVICE POWERED BY ARTIFICIAL INTELLIGENCE - AI



- Instant 360 Degree Field Vision Video Streaming.
- Circular Recording & Playback and AI analytic functionalities.
- No blind spot from the captured scenario.
- New Astral Rendering within a Cubicle view.
- Standalone or built-ins device for various hosts.
- Support common interfaces: BT, WiFi, RF, HDMI...



FEATURES:

> Seamless 360-Degree View

A new level of immersion and interactivity, allowing you to see every detail, greatest moments from every angle.

> High-Quality Video

4K video recording capabilities, ensuring that videos are sharp, clear, and of the highest quality.

> Easy to Use

Simple control for easy capture, share videos.

> Durable Design

Built to last, with a rugged, waterproof design.

> Versatile Compatibility

Compatible with a range of devices and platforms, including smartphones, tablets, and computers.

> Innovative Rendering on Any Legacy Display

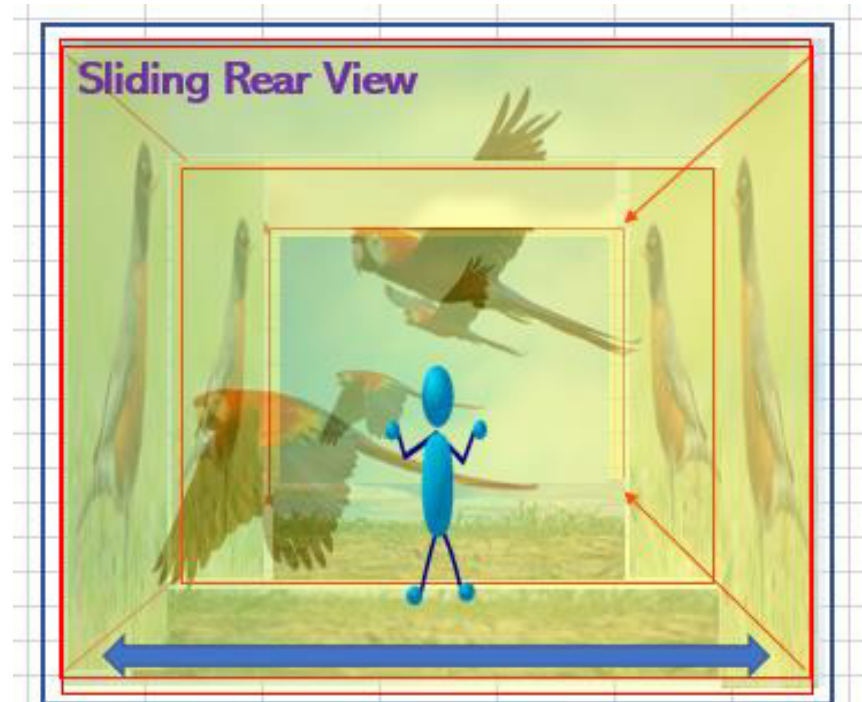
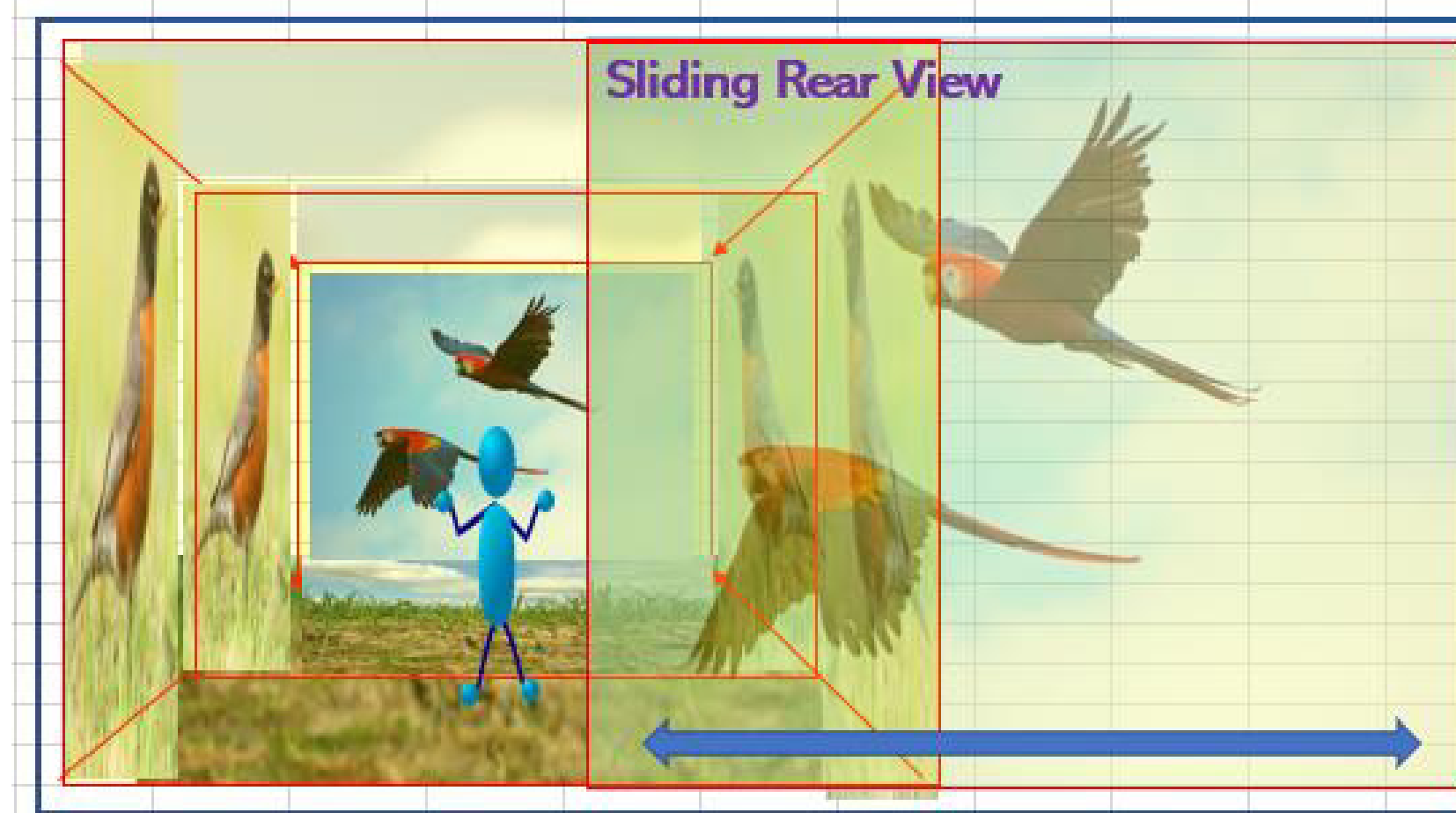
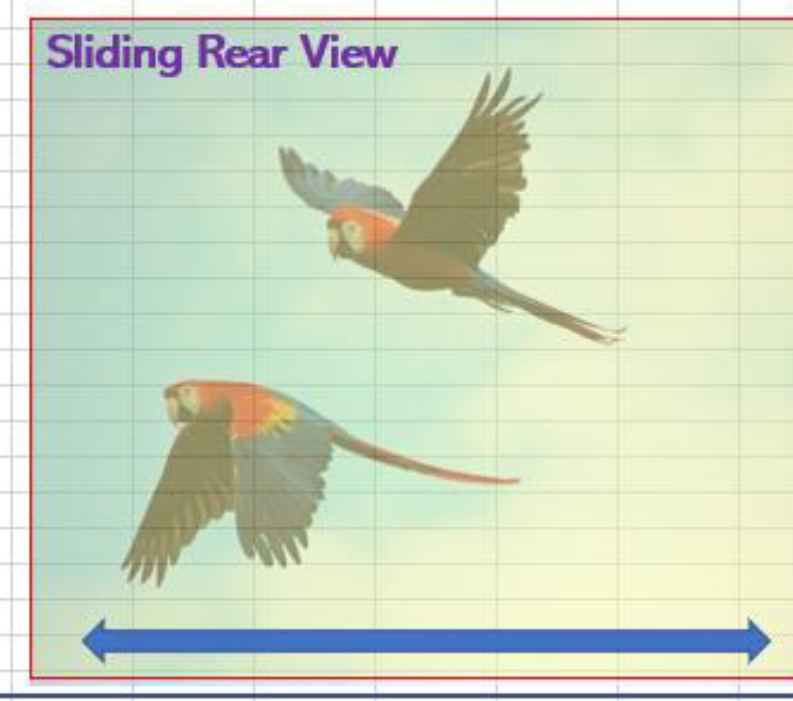
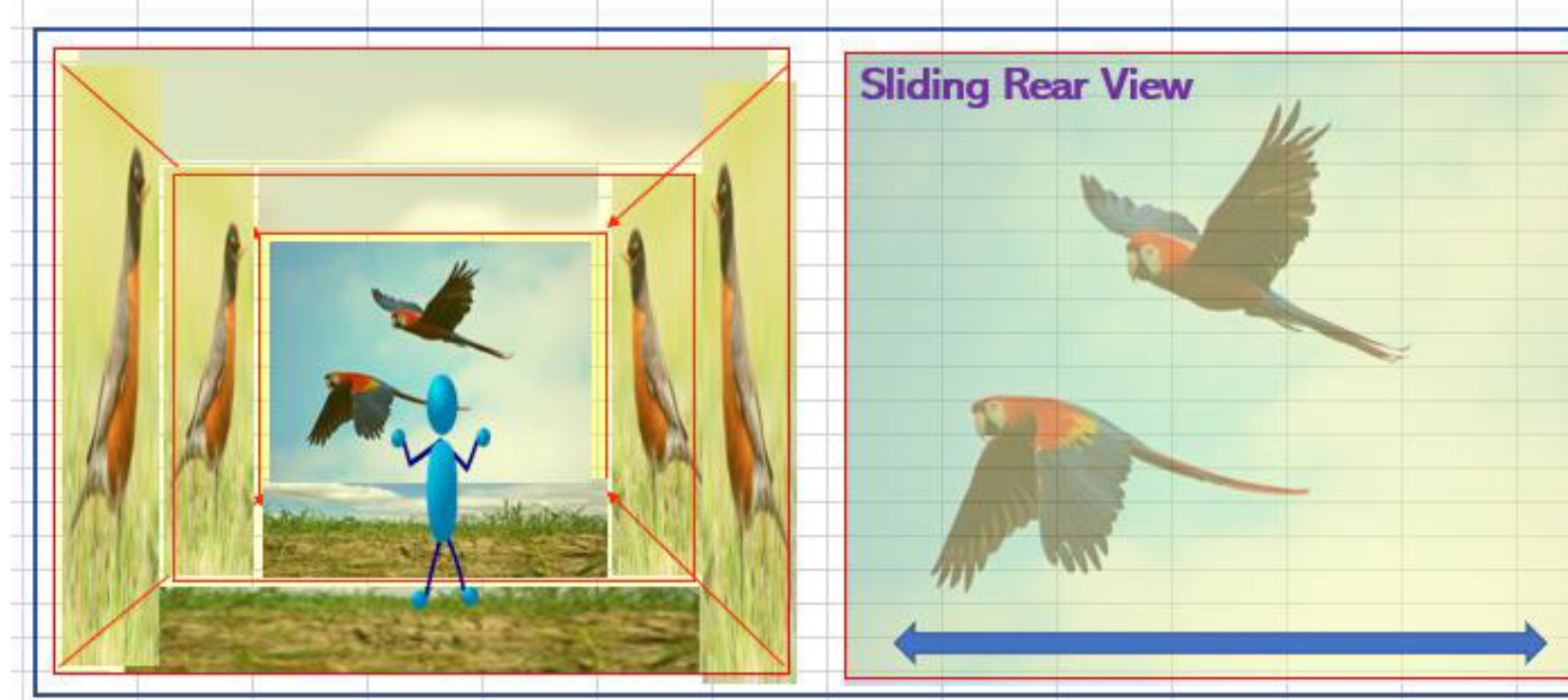
Cubicle view of things

> A.I. threats assessment supervisor

REVOLUTIONARY FROM INSIDE (FI) FIELD VISION & RENDERING

No blind spots all around

The Innovative Cubicle
View of Things (CVT)
on Legacy Display



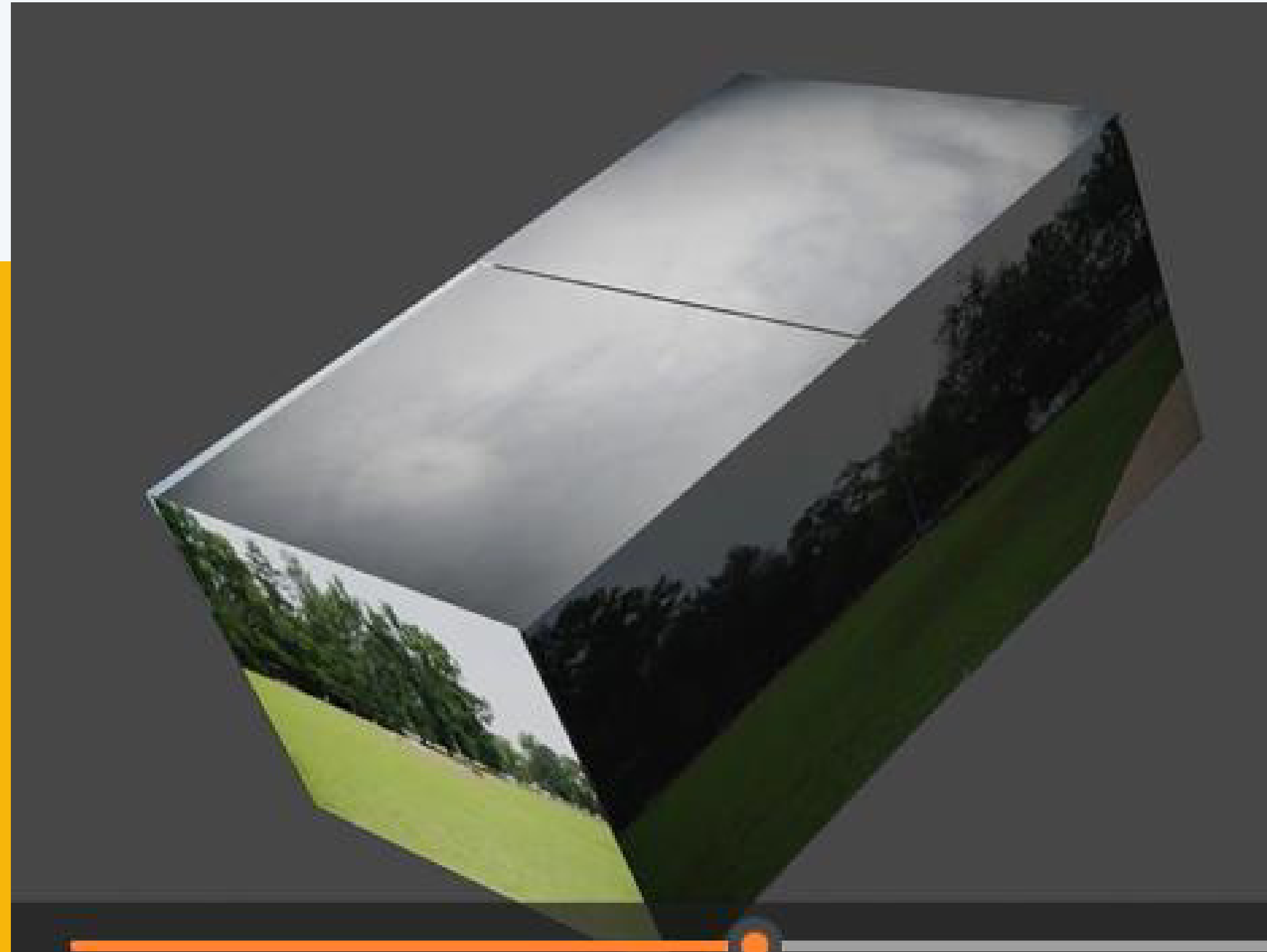
REVOLUTIONARY FROM INSIDE (FI) FIELD VISION & RENDERING

No blind spots all around

The Innovative Cubicle
View of Things (CVT)
on Legacy Display



THE CUBE



NUMEROUS CASE STUDIES REDUCING VICTIMIZATION RISK AND/OR IMPROVING PERSONAL SAFETY

USE CASES ACROSS MULTIPLE SECTORS

> **Public Security**

360-degree Body cam (police agencies, army...) being used to capturing a full view of the surrounding area and can be used for real-time monitoring, crime prevention, evidence gathering, and incident investigation.

> **Transportation & Road Incidents**

Embedded on motorcycle and/or motorcyclist's helmet

> **Security Surveillance**

House, building, industrial complex, airports, streets, traffic control

> **Driver / Pilot Assistant & Insurance Claims**

Multi vision assistance in Automotive, Avionic, Railway, Maritime and Drones

> **Telecommunications & Social Media**

Provide users with a more immersive and interactive experience by allowing them to see their surroundings in full.

> **Exploration & Research**

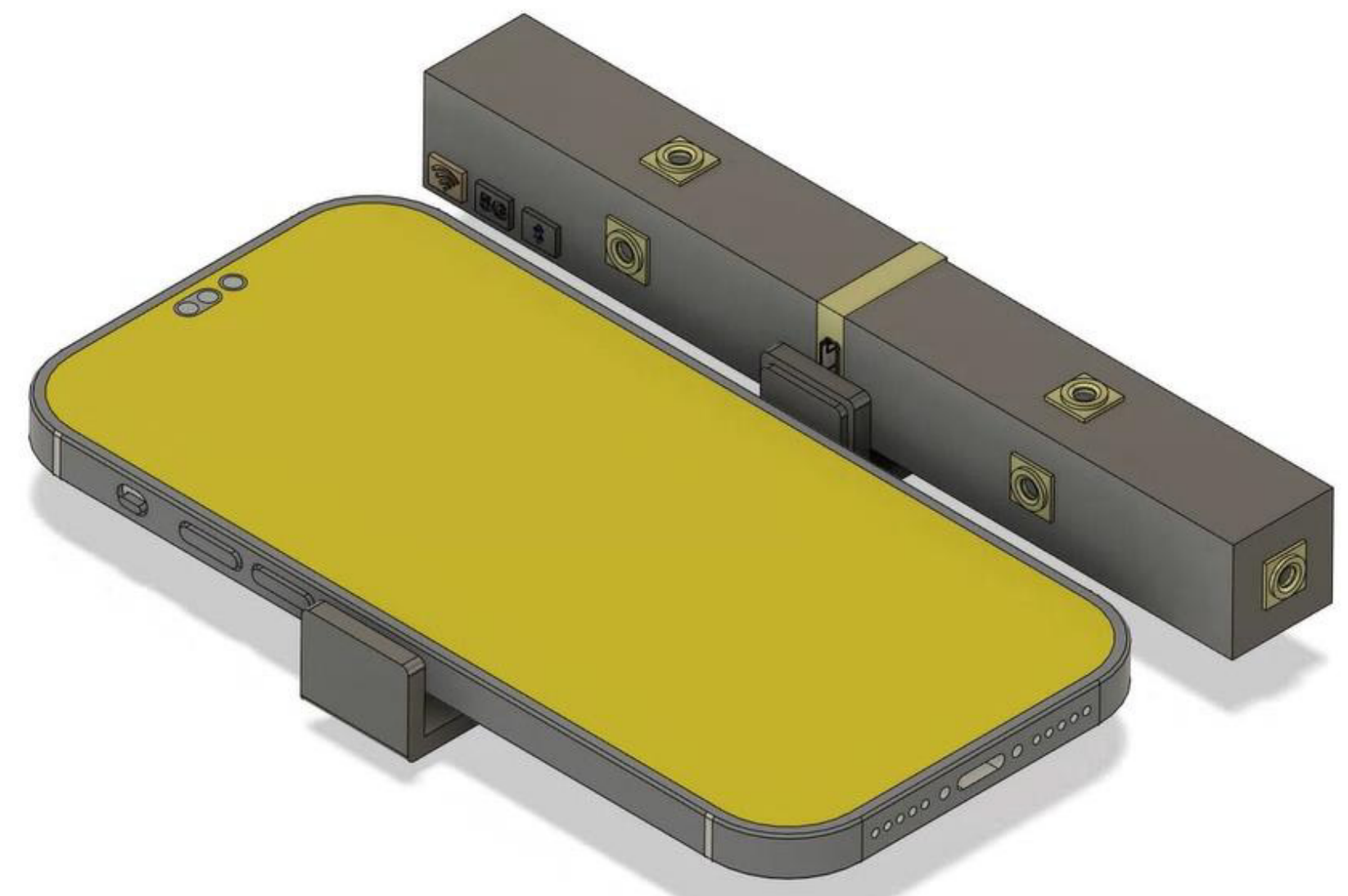
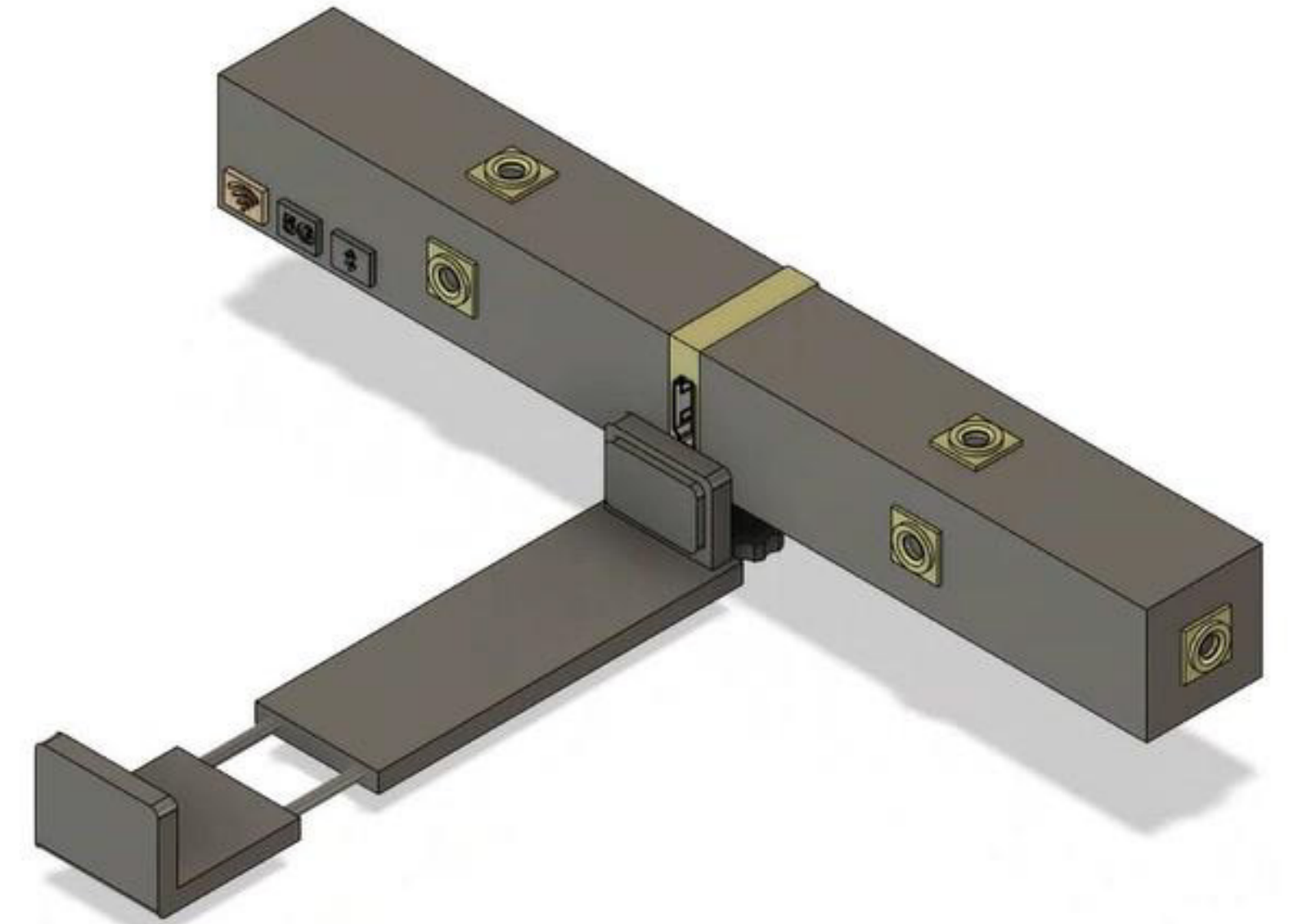
Submarine, underground, sky exploration (Scuba diving, cave explorer, sky diving)

> **Entertainment**

The versatility of 360-degree cameras makes them useful for capturing large and complex scenes that would be difficult to film with traditional cameras.

**INDIVIDUAL ALL AROUND
SELF AWARENESS SECURITY
DEVICE, TELECOMMUNICATIONS
INDUSTRY & SOCIAL MEDIAS**

Monitoring your own all around, cellphone
vision enhancement - CVE and Security
Vision all around the user.



MARKET ENTRY & PROTOTYPING

READY BY 1ST SEMESTER 2024



AVAILABLE RESOURCES FOR PROTOTYPING & DIRECT MANUFACTURING:

- › Digital Hand Drawing
- › Virtual Rendering
- › CAD - Computerize Aided Drawing
- › Exploded Diagram
- › Executive Summary & Key Features
- › Production Drawings: CAD STL, DXF, G-Code Files
- › Circuit Design Assembly
- › Circuit Simulation
- › PCB Layout & Auto routing
- › Machine Sample
- › Parts Preparation
- › Production Sample Assembly
- › Photography
- › Package