



akiyama
Because you are unique

BEFORE-TAKEOFF CHECKLIST





JOÃO VICENTE CODAGNONI

BSC IN COMPUTER ENGINEERING AND POSTGRADUATE IN PROJECT MANAGEMENT, SPENT MORE THAN TEN YEARS DEVELOPING EMBEDDED SYSTEMS AND CARRIER-GRADE APPLICATIONS FOR THE TELECOM INDUSTRY, AND FOR THE LAST THREE YEARS IS HELPING AKIYAMA TO DELIVER HIGH-END TECHNOLOGIES FOR THE BIOMETRIC MARKET.

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OUR HISTORY

AKIYAMA IS A BRAZILIAN COMPANY, FOUNDED IN 2005, SPECIALIZED IN BIOMETRIC IDENTIFICATION SOLUTIONS. A MARKET LEADER IN PROJECTS FOR CIVIL AND CRIMINAL IDENTIFICATION, ACCESS CONTROL, BORDER CONTROL AND NEWBORN IDENTIFICATION. AKIYAMA DEVELOPS BIOMETRIC FINGERPRINT, FACIAL, SIGNATURE AND IRIS TECHNOLOGIES.

2005

START OF ACTIVITIES IN AUGUST 2005

2009

FIRST KIT DELIVERED FOR REGISTRATION OF BRAZILIAN VOTERS

2015

MORE THAN 16,000 BIOMETRIC REGISTRATION KITS DISTRIBUTED THROUGHOUT BRAZIL USING OUR NEW MANUFACTURING FACILITY

2016

BEGAN DEVELOPING THE NEW LINE OF DIGITAL CAMERAS FOR ID PHOTOS - AKYSCAM

2018

FIRST SALES OF THE AKYSCAM PRODUCT LINE THROUGHOUT THE WORLD



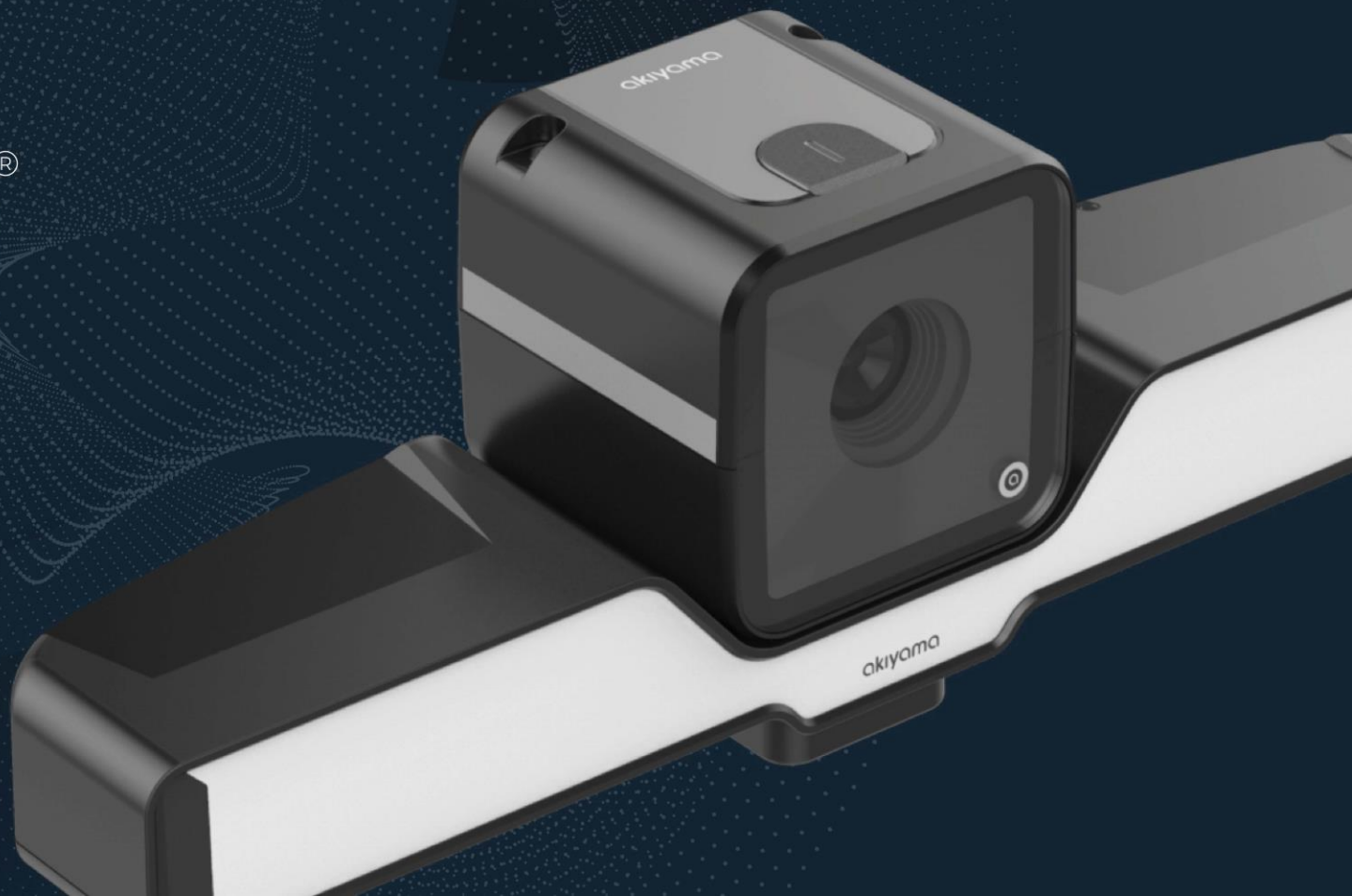
MOTIVATIONS

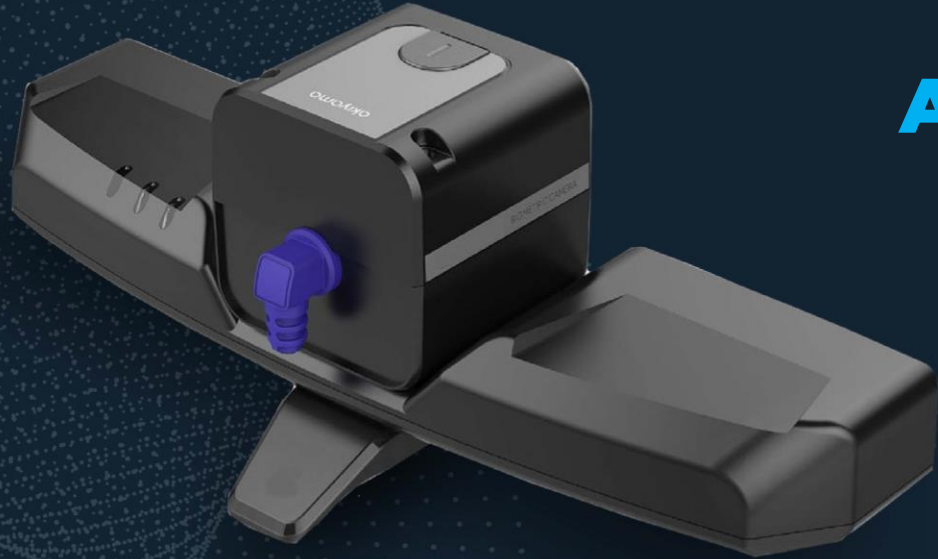


STANDARDS



akyscam[®]
BIOMETRIC
CAMERA



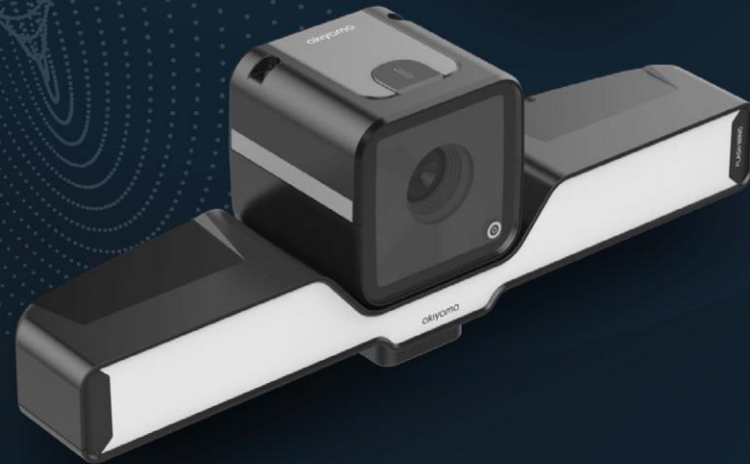


ALL IN ONE

BUILT FOR BIOMETRIC
ENROLLMENT

HIGH PERFORMANCE

FAST-CAPTURE
ISO/ICAO COMPLIANT



BEST USABILITY

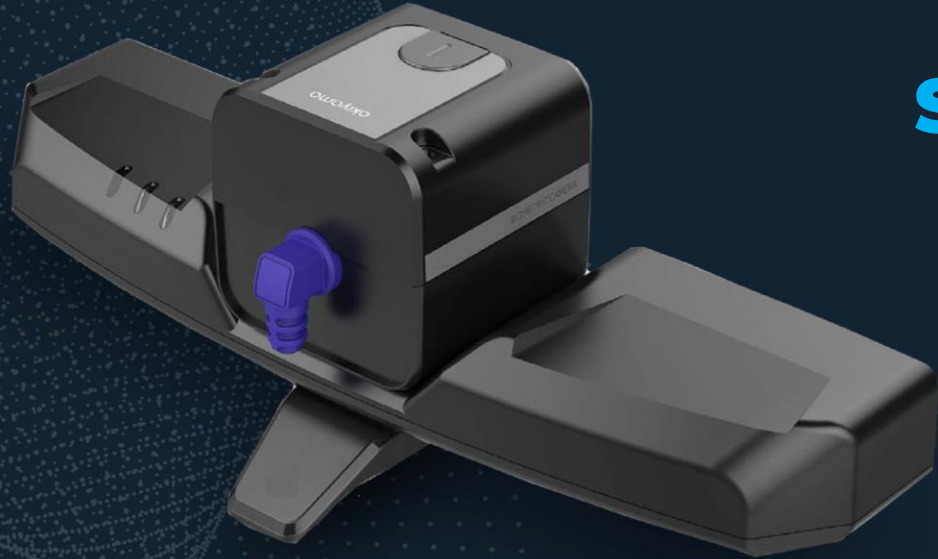
EASE TO USE AND
TO INTEGRATE

INNOVATIVE DESIGN

AWARD-WINNING
DESIGN
LIGHT & COMPACT



akyscam10[®]
BIOMETRIC CAMERA

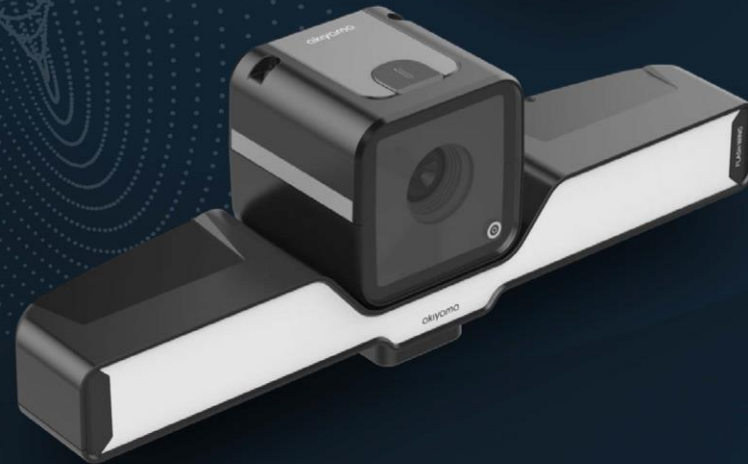


STRENGHT

HIGH-RESISTANCE
CABLE-JACKET

SIMPLICITY

SINGLE USB-CABLE FOR
POWER AND DATA



CLEAN API

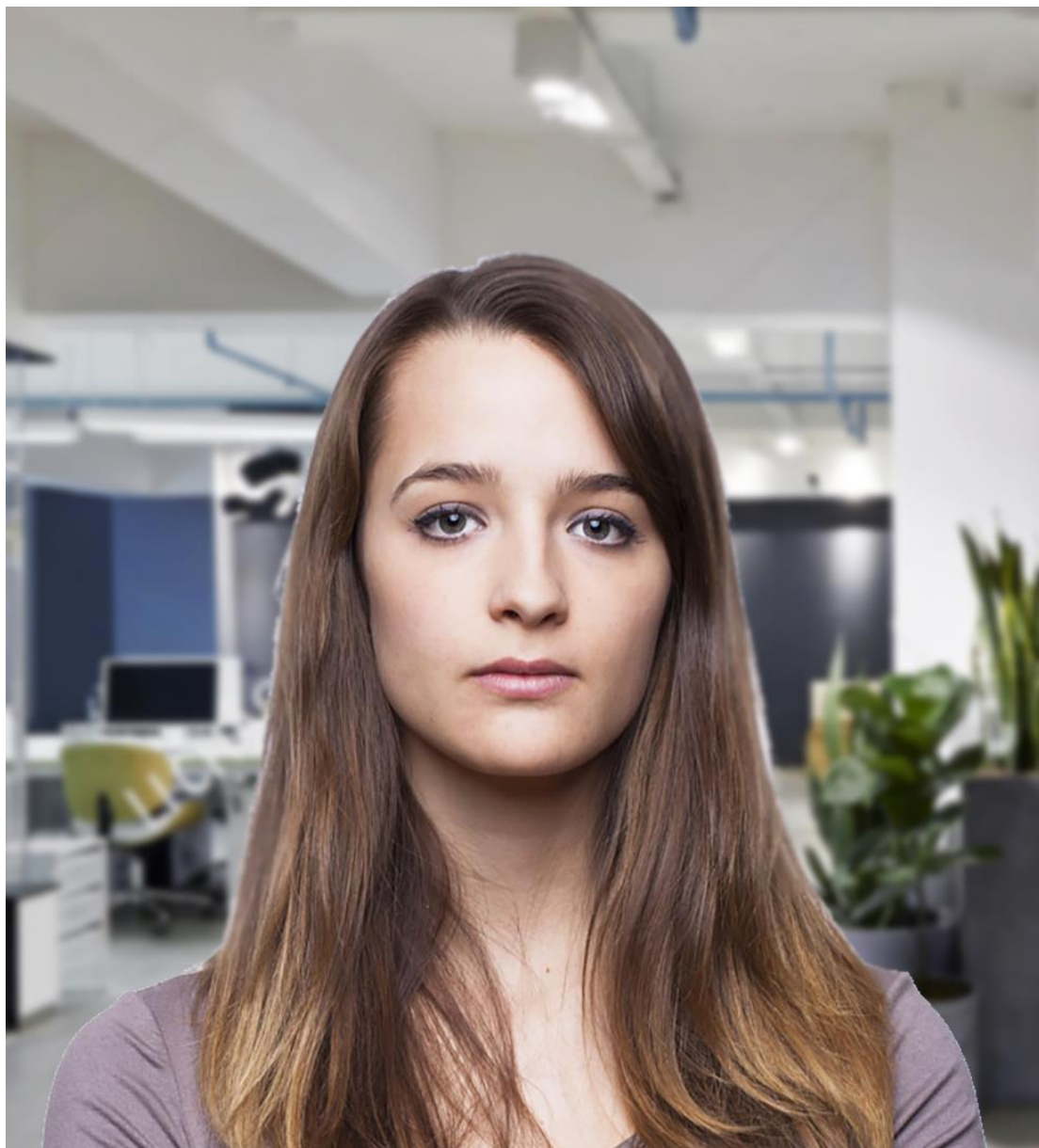
EASE TO USE AND
TO INTEGRATE

Hi-Fi IMAGES

AWARD-WINNING
DESIGN
LIGHT & COMPACT



akyscam10[®]
BIOMETRIC CAMERA



Software

OpenBio Face

IMAGE PREVIEW

IMAGE CAPTURE

CAMERA CONFIGURATION

akyscam10[®]
BIOMETRIC CAMERA

Software

OpenBio Face

IMAGE PREVIEW

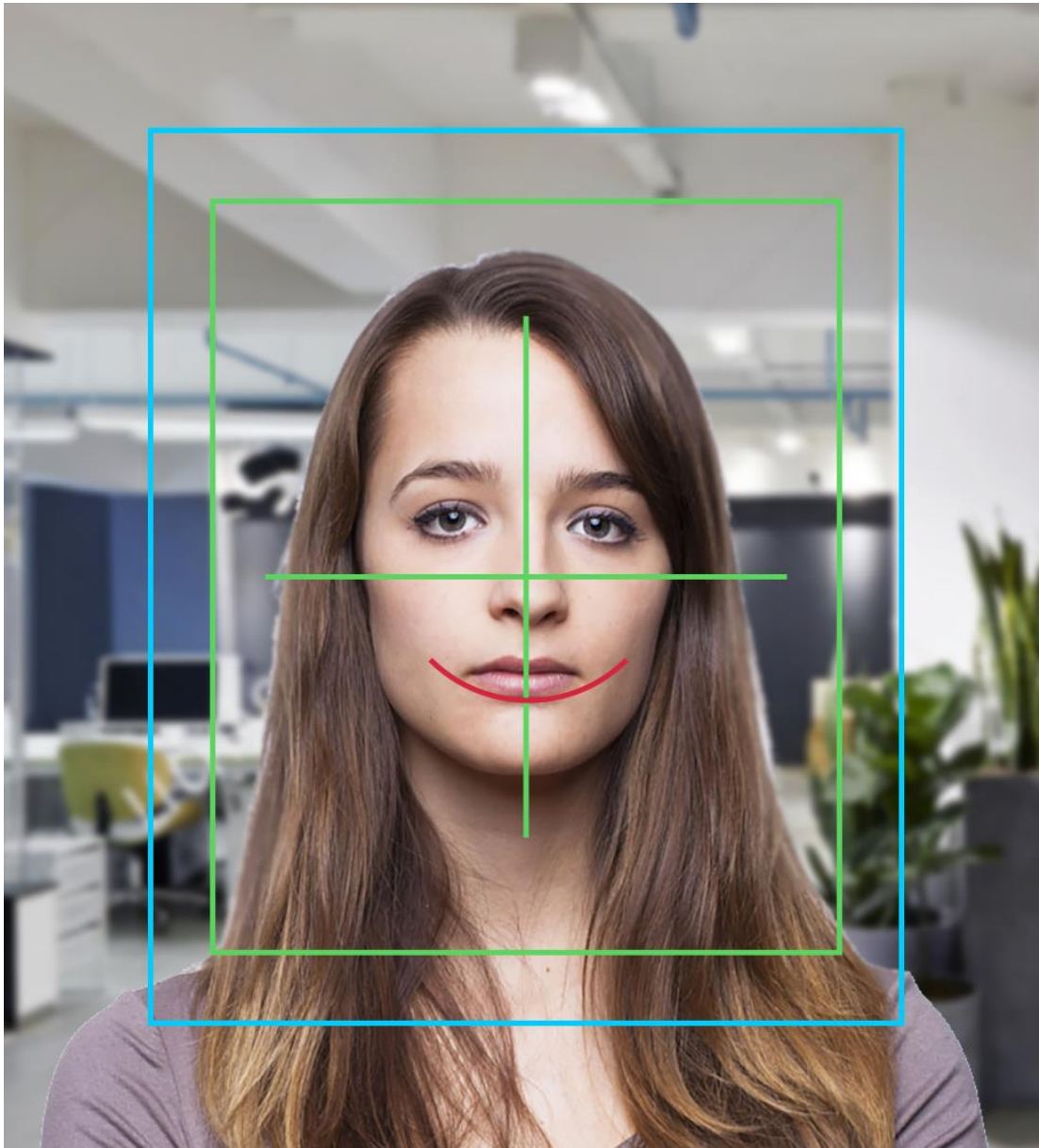
IMAGE CAPTURE

CAMERA CONFIGURATION

FACE DETECTION

HEAD ROTATION

PICTURE FRAMING (FACE CROP)



Software

OpenBio Face

IMAGE PREVIEW

IMAGE CAPTURE

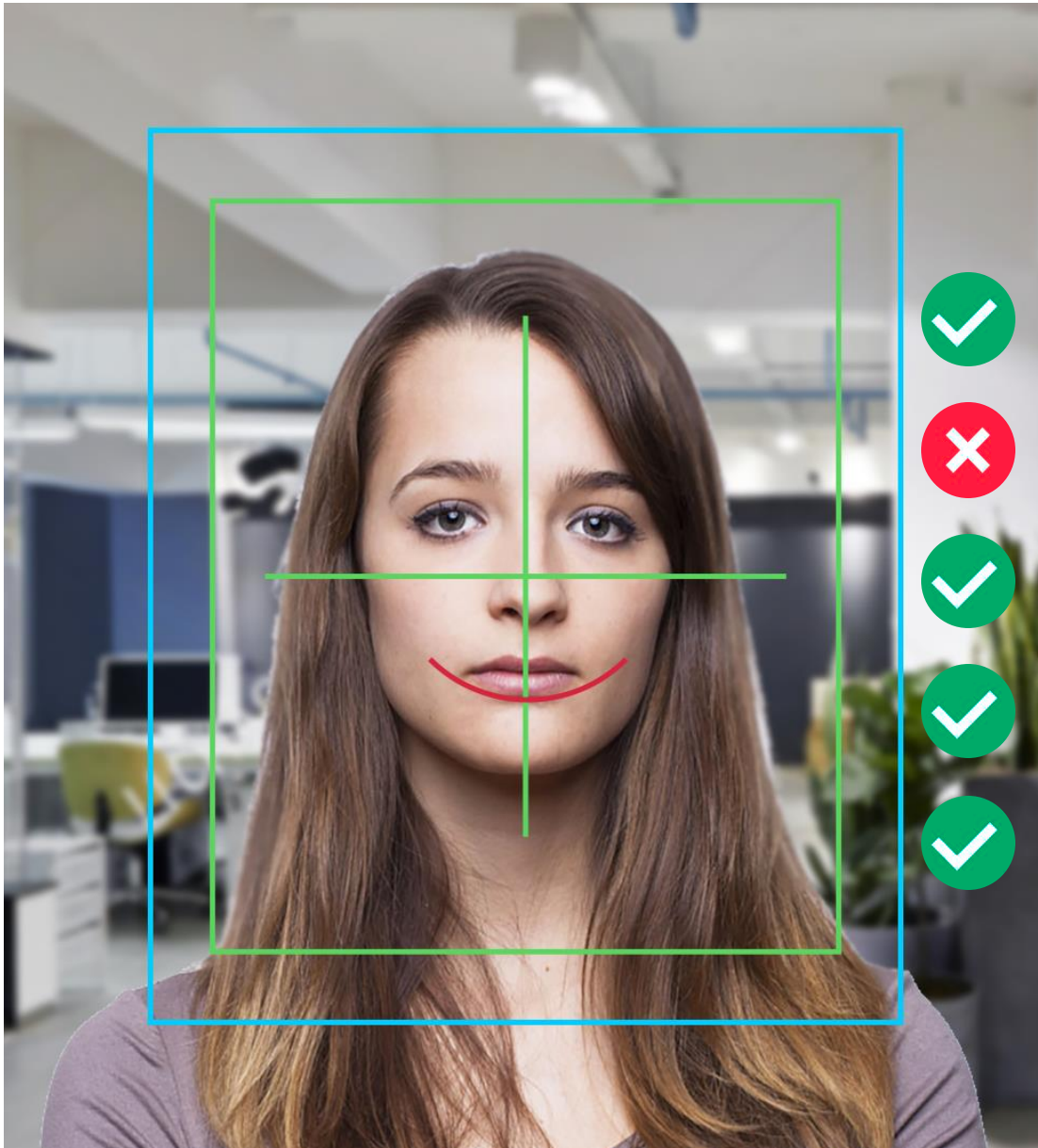
CAMERA CONFIGURATION

FACE DETECTION

HEAD ROTATION

PICTURE FRAMING (FACE CROP)

ISO 19794-4 / ICAO 9303 ANALYSIS





Software OpenBio Face

IMAGE PREVIEW

IMAGE CAPTURE

CAMERA CONFIGURATION

FACE DETECTION

HEAD ROTATION

PICTURE FRAMING (FACE CROP)

ISO 19794-4 / ICAO 9303 ANALYSIS

AI-BASED BACKGROUND

REMOVAL

ALSO ALLOWS

- ✓ SUBJECT-TO-CAMERA DISTANCE PREDICTION
- ✓ AUTO XENON-FLASH WIDTH CONFIG
- ✓ CUSTOM AUTO-CAPTURE CRITERIAS
- ✓ DIRECT SPOTLIGHT CONDITIONS
- ✓ CUSTOM WB PROCEDURE



TWO MANUFAC- TURING OPTIONS



HANDS-ON



THANK YOU



akiyama
Because you are unique



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