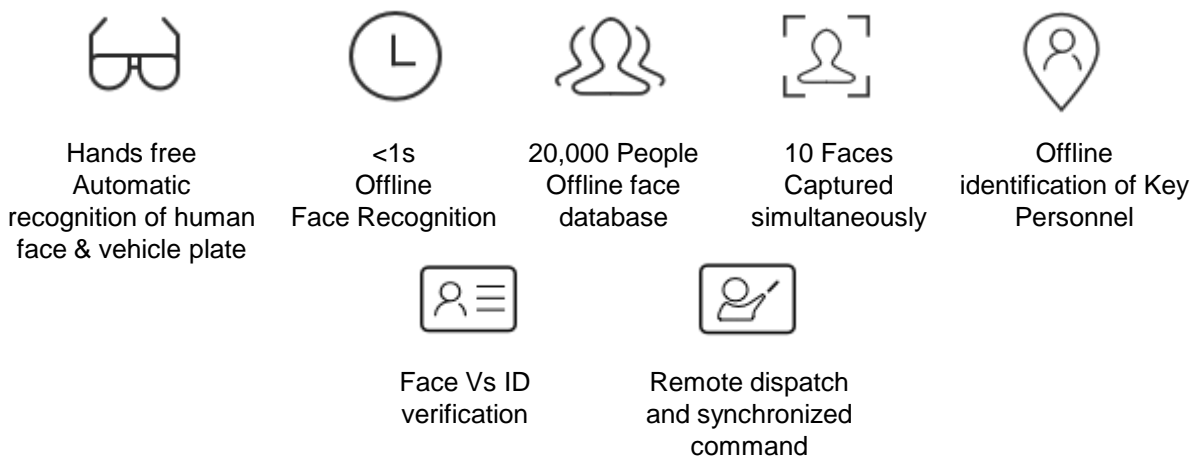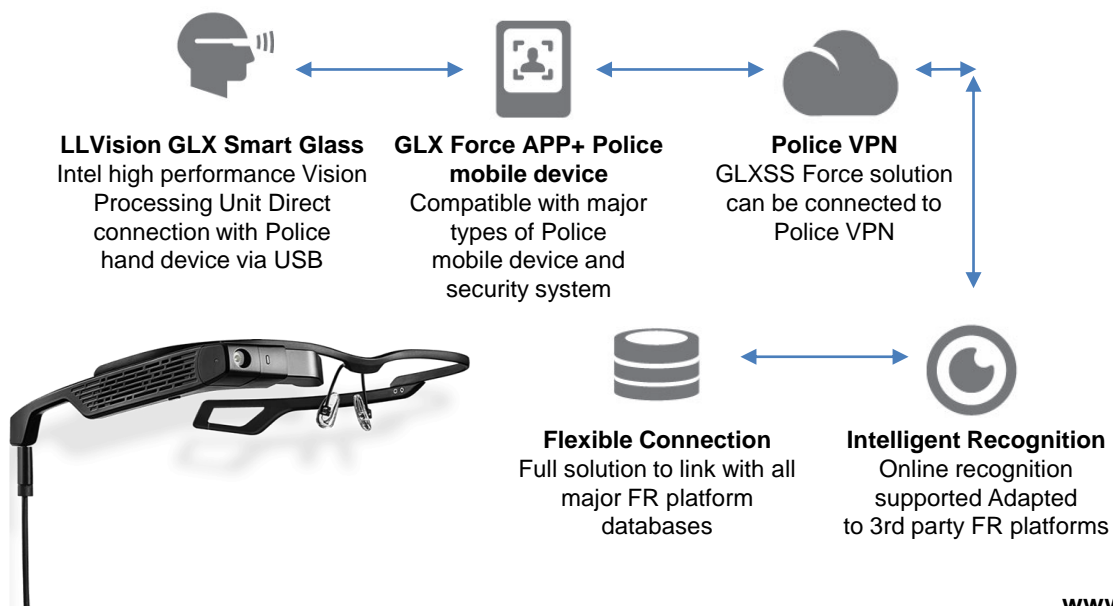# GLX SMART SURVEILLANCE

GLX Force Mobile Surveillance Solution is accomplished with GLXSS smart glass, GLX Force mobile client and platform. GLX Force including LL-Vision's offline face recognition technology, also enhanced with our high performance & low power consumption neural network inference framework.

It helps users to accomplish fast and accurate recognition in various kinds of situations.

| Hands free Automatic recognition of human face & vehicle plate | <1s Offline Face Recognition | 20,000 People Offline face database | 10 Faces Captured simultaneously | Offline identification of Key Personnel |
|---|---|---|---|---|

| Face Vs ID verification | Remote dispatch and synchronized command |
|---|---|

## Service framework

**LLVision GLX Smart Glass**
Intel high performance Vision Processing Unit Direct connection with Police hand device via USB

**GLX Force APP+ Police mobile device**
Compatible with major types of Police mobile device and security system

**Police VPN**
GLXSS Force solution can be connected to Police VPN

**Flexible Connection**
Full solution to link with all major FR platform databases

**Intelligent Recognition**
Online recognition supported Adapted to 3rd party FR platforms

# GLX ME SMART SURVEILLANCE

World's first AR smart glass powered by Intel® Movidius™ Myriad™

**AI empowered:** Neural network inference framework & edge computing
**33.4g:** Full day comfortable wearing
**Radiation free:** Zero emission from the glass
**4-10 hours:** Long battery life (Powered by hand devices)
**Lens Accessories:** Compatible with myopia lenses, sunglasses lenses, etc
**Outdoor display:** Viewable in harsh sunlight

**100+ rounds**
Head & Eye sample tests

**30 rounds**
GUI test

**30,000+ rounds**
Iterations of Monte Carlo simulation

**54 rounds**
Optimizations for Mould & Process

**16μm**
Coaxial line which 80% thinner than human hair

**70μm**
The finest line width in industry

**400+ components**
Deployed in a $3cm^2$ area

**MTF>0.2 @ NF, PV<2μm**
Ultra high optic accuracy

(intel) Movidius

**Display** 640x400 resolution, 20°FOV (equivalent 22'screen at 1.5m)
**Processor** Intel® Movidius™ Myriad™ 2
**Camera** 13MP, 1080P (USB 3.0) or 720P (USB 2.0) video
**Sensors** 9-axis sensor, ambient light sensor
**Metering** Center-weighted metering,evaluative metering,spot metering
**Control** Button, gesture, voice, remote control
**Focusing** Automatic focusing , range ≥10CM
**Audio** Anti-noise dual mic, speaker, headset
**View angle** Rotatable camera module, maximum 35° adjustable range
**Interface** USB Type-C 3.0/2.0
**Privacy** Indicator light automatically light on when working
**Accessories** Lens frame (myopia glass or sun glasses), USB cable, protection bag

# GLX SE SMART SURVEILLANCE



World's first AR smart glass powered by Intel® Movidius™ Myriad™

**IP67:** Three Proof
**MIL-STD:** Laboratory Test
**0 Emission:** No Wireless Antenna
**Nose Pads**: Slip-Resistant Gel
**Goggles:** Splash Proof
**Explosion-Proof:** Intrinsic Safety

**4X Performance**
AI Performance Upgrade

**Laffe™ 2.0**
Compatible with Major AI Frameworks

**AR SDK**
Compatible with Vuforia and EasyAR

**13MP**
Sony Exmor RS CMOS

**1080P**
Full HD Video Recording

**Voice+Gesture**
Smart Interactions

**30g**
Featherweight Module

**Magnetic**
Fast Mounting

**Display:** 640x400 resolution, 20°FOV Contrast: 100000:1
**Processor:** Intel® Movidius™ Myriad™ 2
**Camera:** 13 Megapixels, 1080P FHD Video, Privacy:LED Indicator
**Sensors:** 6-Axis, Compass, Light Sensor
**AI:** Laffe™ Neural Network Interference Framework
**Interactions:** Customize button, Gesture Control, Voice Control, Mobile Client, Bluetooth Controller Supported
**Memory:** LPDDR3 512MB
**Audio Input**: Digital Microphone with Noise Cancellation
**Output:** Speaker
**OS (Smartphone):** Android 5.1 - 9.0
**Port:** USB 2.0(Type-C)
**Size:** 159mm x 180mm x 34mm
**Weight:** 30g (Smart Module), 45g (With frame)

# Leion SMART SURVEILLANCE

## Binocular waveguide smart glasses Revolutionize AR world with AI

30° Field of View
720P Binocular Displays
90% NTSC Coverage
0 Optical Distortion
10000:1 Ultra-high Contrast

**12X**
AI Performance Upgrade

**Laffe™**
Compatible with Major AI Frameworks

**AR SDK**
Compatible with Vuforia and EasyAR

**13 MP**
Sony Exmor RS CMOS

**1080P**
Full HD Video Recording

**Voice&Gesture**
Smart Interactions

**79g**
Featherweight Desig

**0 Emission**
No Wireless Antenna

**Display Resolution** 1280x720, FOV 30° (Diagonal), Contrast 10000:1, Transparency 80%
**Processor** Intel® Movidius™ Myriad™ 2 / Intel® Movidius™ Myriad™ X
**Camera Photo:** 13 Megapixel, **Video:** 1080P FHD Video
**Sensors** 6-Axis, Compass, Light Sensor
**AI** Laffe™ Neural Network Interference Framework
**Interactions** Customize button, Gesture Control, Voice Control Mobile Client, Bluetooth Controller Supported
**Memory** LPDDR3 512MB
**Audio Input:** Digital Microphone with Noise Cancellation **Output:** Dual Stereo Speakers
**OS (Smartphone)** Android 6.0 - 9.0
**Port** USB 2.0 (Type-C)
**Size** 165mm x 178mm x 38mm
**Weight** 79g

(intel) Movidius

**www.armour.gr**