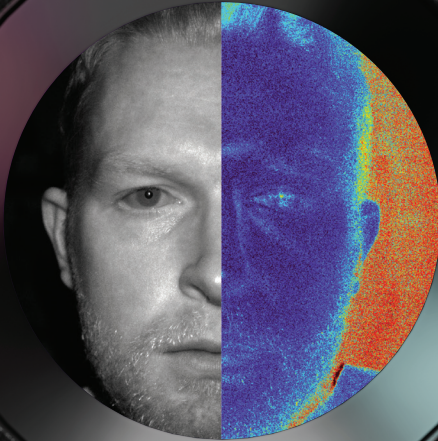




Polar ID

by metalenz

Face unlock done right.

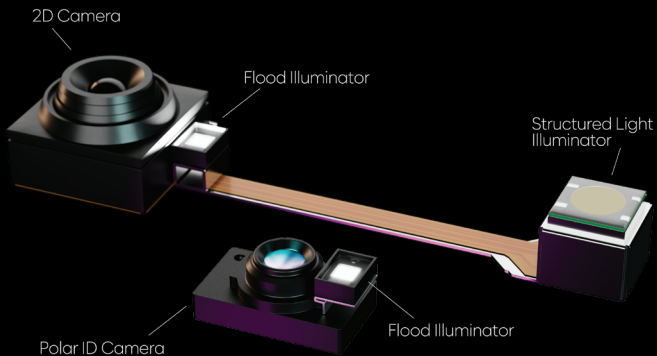


smaller - simpler - cheaper - better

unlock the unseen

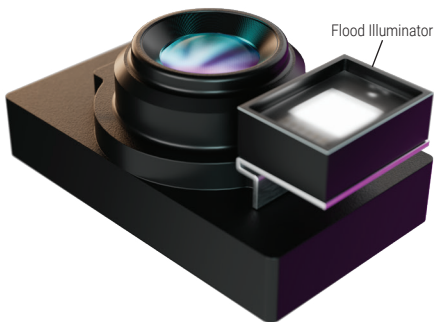
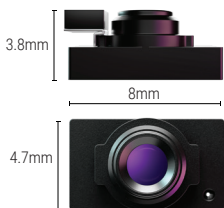
The only smartphone camera that
harnesses polarized light.


Polar ID (BOTTOM) vs. Leading Structured Light Solution (TOP)



Key Advantages

- Single image captures uniquely human polarization signature
- Fast, low-power and highly secure under any lighting condition
- Simplified architecture built around metasurface technology
- 1/2 the size, 1/3 the cost of leading structured light solution



Polar ID 940nm Camera Module	
Sensor type and format	CMOS IR
Shutter type	Global
FOV	85° DFOV (65° H x V)
Range	15 - 70 cm
Ambient lighting conditions	0 - 100K Lux
Interface	MIPI CSI, I2C, + GPIO
Active Illumination	
Type	IR flood illuminator
Wavelength (centroid)	940 nm
Software	
Integration	Android
Platform	 Qualcomm Snapdragon® (or other) Secure environment and ISP