

Face unlock done right.



## unlock the unseen

The only smartphone camera that harnesses polarized light.

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## 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	
Туре	IR flood illuminator
Wavelength (centroid)	940 nm
Software	
Integration	Android
Platform	Qualcomm Snapdragon® (or other) Secure environment and ISP

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