

Face unlock done right.



unlock the unseen

The only smartphone camera that harnesses polarized light.

📰 metalenz

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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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