Intelligent vision processing is the combination of 3D vision, computational photography and visual perception capabilities in a camera-enabled machine or device, allowing it to acquire, process, analyze and understand its surroundings and make human-like intelligent decisions based on this information.

Intelligent Vision Processing Is Used For:

- 3D Vision
- Computational Photography
- Visual Perception
- 3D Scanning/Printing
- Augmented Reality
- Natural User Interface
- Biometrics
- Automotive ADAS
- Computational Photography
- Embedded Vision: Bringing Intelligent Vision Capabilities to Billions of Machines and Devices

Intelligent Vision in Embedded Systems Will be Mainstream in 3 Years

CEVA-XM4: The Intelligent Vision Processor for Embedded Systems

CEVA-XM4 Outperforms the leading GPU cluster implementing computer vision

- 33% Faster Processing
- 17x Smaller
- 9x Lower Power

CEVA-XM4 performance versus previous generation CEVA-MM3101 processor

- 2.5x Performance/footprint
- 8x Performance gain
- 35% Better performance/footprint
- 20% Higher max frequency

The Future with CEVA-XM4... A Connected Vision Paradigm

Learn more at www.ceva-dsp.com/XM4