

OLED292-185

18.5" Industrial 4K UHD OLED with on-cell Touch

The OLED292 is a premium industrial 18.5" OLED panel engineered for modern applications that demand 4K UHD 10 bit resolution. With a full-screen luminance of 400 nits, it delivers vibrant clarity for advanced multimedia embedded systems.

The mask level on-cell touch delivers more stack and weight savings. This display offers a highly responsive user experience, making it ideal for interactive use cases across IFE, compact medical, 4K kiosks, industrial control panels, monitors, smart terminals, and media production devices.



Parameter	Specification
Resolution	3840 x 2160
Contrast Ratio	1,000,000:1
Luminance	Up to 400 nits
Gamut Coverage	99% DCI-P3
Temperature Range	-20°C to +70C
Touch	On-cell PCAP
Interface	eDP
Cover Lens	Anti-Reflective & Anti-Fingerprint

Why Choose This Display?

- Industrial, 4K, OLED, on standardized eDP
- Slim, lightweight, portable, power Efficient
- 10 Bit, ultra-high contrast and rich color
- Industrial TCON, tuned EETI on-cell touch
- Proven 3,000-hour burn-in compensation
- Burn in mitigation with custom tuned de-burn In algorithm (DBI)
- Perfect balance of screen resolution and panel size for space-constrained designs
- Long lifecycle support
- Compatible with Ezurio's and Toradex's latest advanced multimedia SOMs

Learn more about
our OLED family



CONTACT US



Consult with our display experts to discover how our advanced engineering and customization services can elevate your product design.

Your application is unique — your display should be too!



1-844-463-6587



sales@lincolntechsolutions.com



111 Corning Road, Cary, NC 27518