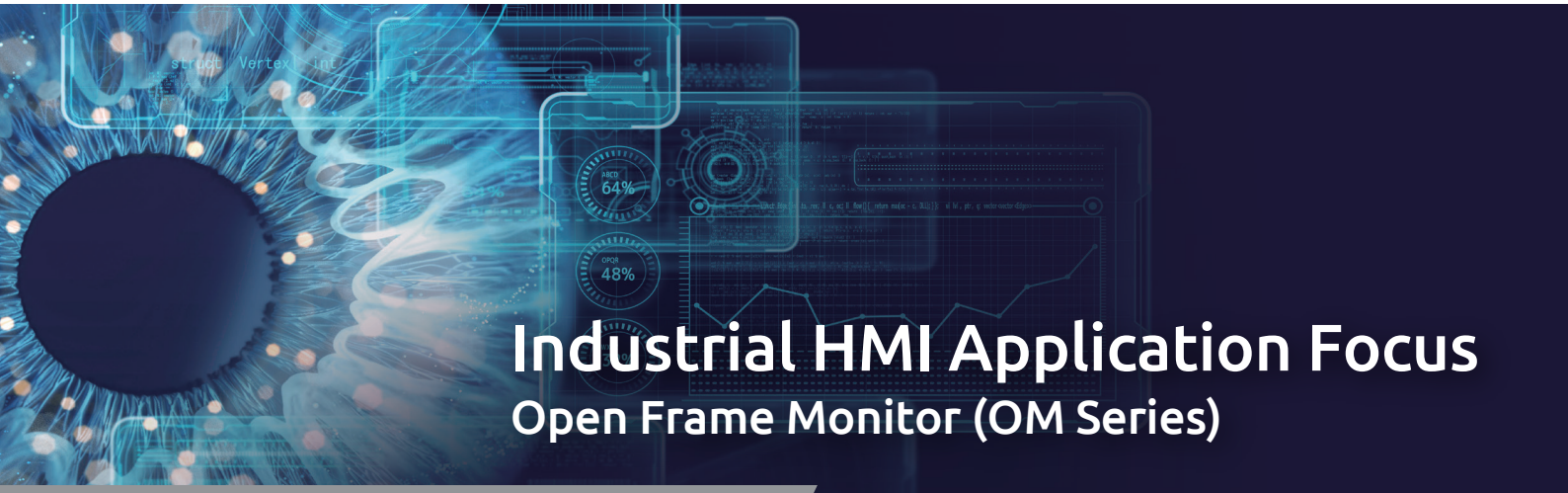
ADLINK
LEADING EDGE COMPUTING



Industrial HMI Application Focus
Open Frame Monitor (OM Series)

Application Story

How HMI Boosts Work Efficiency at the Edge

As Internet of Things (IoT) technology evolves and devices at the edge grow ever more sophisticated, they frequently require Human Machine Interface (HMI) for data visualization. Through machine interaction, operators can access information with ease or operate equipment, while the equipment itself collects data. This data can then power deep-machine learning to reveal opportunities to optimize service and performance, yielding significant improvements in efficiency, error minimization, and user experience.

Take ADKINK's latest industrial monitor—the OM series—as an example. This open frame monitor offers an optimal interface between the operator and the machine and provides for wide integration with systems in a variety of fields, such as automation, retail, transportation, and more. To deliver a better user experience, the thoughtful design includes enhanced readability, smooth touch, and durability. Additionally, all panels are direct from the AUO® Display Plus, while ADLINK provides in-house manufacturing and value-added service to ensure greater cost-effectiveness, product quality, and flexibility while achieving fast time-to-market.

Highlighted Features

Easy Deployment

The open frame and VESA mount design with a wide range of panel sizes (up to 43") enable effortless integration and installation for a variety of spaces and uses.

High Readability

16:9/4:3 LCD panel with wide viewing angles, anti-fingerprint surface treatment, high brightness (optional) to ensure clarity.

Smooth User Interaction

Supports Projected Capacitive (PCAP) 10-point multi-touch for smooth gestures, such as zoom, flick, rotate, swipe, drag, pinch, press, double tap, and more.

Superior Durability

Industrial-grade panels direct from AUO® Display Plus, protected with 7H hardness and an IP65 front panel, can easily withstand environmental hazards, such as water, dust ingress, scratches, abrasions, and metallic dust.



▲ OM Series

> Slim, smooth, solid with the outstanding flexibility on system integration can truly brings edge visualization to life.

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Industrial Touch Monitor Applications

Application 1:
Digital Drive Thru Menu

Looking for a solid monitor as a digital menu at drive-thru service. It requires high brightness, water and dust proofing. ADLINK offers a total solution with a 21.5" panel, including Full HD resolution, customized high brightness of 1500 nits, and optical bonding to ensure customers have clear visibility of the menu under sunlight. In addition, it has an IP65 rating for outdoor protection against rain and dust.



Application 2:
Bike Rental Kiosk

Seeking for the open-frame monitor to serve as the touchscreen of bike rental kiosks. The chief challenge of this case is kiosks' exposure to harsh sunlight. Thus, ADLINK provides the tailor-made 15" monitor with high brightness, UV filter lamination, and anti-reflective coating to ensure readability, empowering users to effortlessly check on-screen rental information.



Application 3:
Medical Testing Instrument

ADLINK's OM series is a great fit as the monitor for medical testing instruments. The OM-156 ideally meet the expectation: FHD resolution plus wide viewing angle to see without color shift and all-touch technology enable gloved use, allowing operators to read testing data clearly and access information smoothly in a laboratory setting while maintaining hygiene standards.



Application 4:
Injection Molding Machine

The OM series can be seamlessly integrated with injection molding equipment in heavy industry. To accommodate the harsh factory environment and operational needs, all devices need to withstand high-temperature work areas, have excellent touch sensitivity, and be easy to clean. We provide a customized OM-185 with wide temperature (–30°C to 80°C) for stable ongoing system operation, all touch technology for smooth user experience, anti-fingerprint surface treatment, and IP65 rating for effortless cleaning.



Why ADLINK's Industrial Monitor and Panel PC Solutions

ADLINK offers comprehensive industrial-grade touchscreen monitors and smart panel computers with in-house value-added customization through a one-stop solution service with our experts. Most importantly, ADLINK is a Titanium Tier member of the Intel® Partner Alliance and teams up with AUO® Display Plus to ensure delivering the products with solid-build quality, help customers significantly lower the total cost of ownership (TCO), and facilitate a fast time-to-market.

www.adlinktech.com

Engaging An Expert

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