Case Study

Pharmaceutical Control Panel

Open Frame Touch Monitor (OM)



Background

Application: Pharmaceutical Control Panel
Industry: Automation

Location: APAC

A customer from the pharmaceutical manufacturing of equipment industry has successfully integrated our 18.5” open-frame touch monitor (OM-185) into the auto inline conditioning equipment, as the HMI solution of the system delivers quick response on the touchscreen for operating and monitoring.

Project Requirements

In response to this application, it has to be easy to integrate a 16:9 monitor with smooth touch (with gloves), and a clear display of on-screen real-time detection to enable accurate parameter feedback and control. Moreover, power input for 24VDC was required to seamlessly integrate with the system, and a tailored pipe design for the arrangement of the rear cables.

- Wide Range Of Screen Sizes
- Clear Visibility
- All Touch Technology
- IP65 Rating
- Robust Design

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Solutions

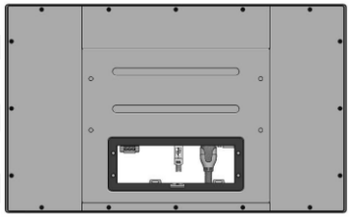
Project Requirements	Our Solutions
# 1. Product longevity	Industrial grade panel with MTBF of up to 50,000 hours
# 2. Multiple screen sizes for selection	A wide range of dimensions (7”-43”) to choose
# 3. Gloves touch support	All touch tech through PCAP 10 point multi-touch
# 4. Power input for 24VDC	Customized Voltage input change from 12V to 24V
# 5. Easy for cable arrangement	Customized mechanical rear pipe design for cables
# 6. Safety and reliability	ESD (electrostatic discharge) protection support

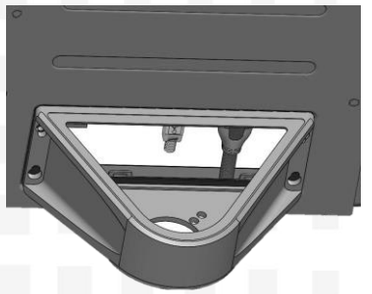
Application Diagram



Auto Inline Conditioning System







Customized Mechanical Design

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Rear side for easy pipe connection

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Benefits

Edge Visualization forms a key part of the IoT network architecture must also continue to evolve in response to workflows and operating environments in different scenarios. The Human-Machine Interface (HMI) that serves as the bridge between users and devices requires high stability, high compatibility, and high tolerance.

- Effortlessly integrate with the system via open frame and slim design monitor plus standard VESA mount.
- A wide range of screen sizes to select to fit in the project.
- Clarity of the screen makes high information readability.
- Customization enables flexible functions and is fast to market.
- Industrial-grade quality secures remarkable durability.

Why ADLINK

“Industrial Display Solution Leading Provider”

- Solid-Built Product Quality
- Save Considerable Total Cost of Ownership
- Being Fast Time-to-Market
- In-house value-added customization
- One-stop solution service with our experts
- Titanium Tier member of the Partner Alliance

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