

# How does UICO deliver the Only All-Weather Touch PCAP touch screen for superior outdoor performance?



## Step 1 - Cover Lens

We select a cover lens designed for optimal readability and performance in tough conditions. Glass thickness is tailored to each application for the best combination of durability and weight. UICO can offer fully tempered “safety” glass up to 4mm thick for cases where sharp breaks would be dangerous or thin Gorilla Glass<sup>®</sup> where lightweight portability matters most. Coatings such as matte Anti-Glare, Anti-Reflective, or Anti-Fingerprint provide optimal readability in bright sunlight while shedding water for superior performance during a downpour.

## Step 2 - Touch Sensor

UICO custom designs sensors and touch surfaces to meet demanding outdoor applications. Our true value is that we uniquely program and tune the touchscreen to YOUR environment. We have the capability to design touchscreens usable with heavy work gloves or in the pouring rain. Engineering can program them to be immune to false touch from those same raindrops but yet be sensitive enough for reliable dry touch.

**duraTOUCH.**

The Most Durable Touch Solutions  
UICO, LLC | Elmhurst, IL | Tel 630.592.4400  
| Fax 630.279.5750 | [www.uico.com](http://www.uico.com)

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### Step 3 - The Display

UICO offers a variety of brands and sizes of LCDs with high brightness over 1000 nits, wide viewing angles, directional polarization, and superior resolution. Options such as Sleep Mode and Ambient Light Sensor can be added for the most efficient power usage in remote outdoor locations. We can work with your display provider or suggest several display options to meet your unique needs and budget.

### Step 4 - Pulling it All Together

Our team will review your application and will guide you through how to integrate the touchscreen into your system for the best performance. We can help you decide if a flush mount or low profile bezel is best for you, discuss system grounding, how to avoid electrical interference, guidelines for GUI element location and size. In short, UICO will guide you every step of the way to creating a superior touch experience for your unique use.

**Let us know your outdoor challenges - UICO is ready to help you perform in any weather!**

To see video examples of our touch performance, please click [here](#).

For questions or inquiries, please reach out to Tersa Harper at [tharper@uico.com](mailto:tharper@uico.com)



650 West Grand Avenue  
Elmhurst, Illinois

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