

# CapacitivePlus with Capacitive Touch Technology

## Product Overview

### The System Difference:

WEDC utilizes TouchKO's capacitive overlay and controller is a revolutionary surface projected capacitive touch system. This intelligent technology recognizes a touch through two layers of surgical gloves or the equivalent.

### The Controller Advantages:

TouchKO's Cheetah™ controllers that are built for speed and accuracy. The first touch response is acquired in less than one millisecond and has a 12-bit resolution. Utilizing the fastest TI DSP chip, it can be ordered with a serial interface.

### Easy To Integrate:

WEDC designs and manufactures products to be easily integrated into a wide range of standard displays and enclosures.



### Quick Specs

- Protected by Touch-Armor™
- Surface Projected Capacitive
- Up to 91% Light Transmission
- Superior Anti-Glare properties
- 5 year limited warranty on touchscreen
- 5 year limited warranty on controller
- Touch coordinates 99% accurate
- Multi-point calibration for optimum accuracy
- Touch with finger and up to two layers of surgical gloves

### Applications

- Outdoor Kiosk
- ATMs
- Military
- Digital Signage
- Public Use
- Gaming
- Typical Surface Acoustic Wave or Infrared Applications

For more information, visit our website at [www.whiteedc.com](http://www.whiteedc.com) or call 602-437-1520 and ask for product sales.



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# Touchscreen Specifications

## Touch System

**Overlay:** Surface Projected Capacitive

**Controller:** Capacitive Serial

## Application

**Applications:** Outdoor, ATM, Kiosk, Public Information, Digital Signage

## Warranty

**Touchscreen:** 5 Year

**Controller:** 5 Year Controller

## Reliability

**Expected Life Performance:** Indefinite, Damage only by breakage

**Chemical:** Resistant to all chemicals that do not affect glass.

**Impact:** Meets UL/CSA 60950 and CSA ball drop test

**Hardness:** Touch-Armor™ hardness ranges from 6 to 7.5 (MOH Scale)

## Mechanical

**Standard Sizes:** 5.7 to 50 diagonal inches.

Custom sizes available. Contact a sales representative for further details.

**Standard Overlay Specs:** Touch-Armor coating with anti-glare applied to underside of overlay.

**Options:** Laminated glass, safety glass, privacy film, anti-microbial

Custom formulations available

Please contact us for details

## Environmental

**Vibration / Shock:** In accordance with UL291 when properly installed in suitable bezel

**Humidity:** Up to 95% RH from 0°C to +35°C, non-condensing

**Temperature:** -15°C to 70°C for the touchscreen

**Storage:** Always store in original container between -50°C and 85°C.

**Sealability:** Can be sealed to meet NEMA 4 and 12

**For ordering or information on any of our products and services, call White Electronic Designs at:**

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