



# AT4 Four-Wire Resistive For Small Form Factor Applications

**Elo's AT4 four-wire resistive touchscreens** are the cost-effective touch solution for small form factor applications while providing reliability, low power consumption, and narrow border width. The AT4 touchscreens enable broad input flexibility, with finger, gloved hand, or stylus activation, and it's the ideal touch solution for portable devices, office automation, light industrial automation, medical equipment, and consumer products. The AT4 four-wire resistive touchscreens are another quality product from Elo TouchSystems, the complete touch solutions provider.

## Benefits

- Cost-effective
- Low power consumption
- Narrow border width
- Broad input flexibility
- Backed by Elo

## Applications

- Portable devices
- Office automation
- Light industrial automation
- Medical equipment
- Consumer products

# AT4 Four-Wire Resistive Specifications

## MECHANICAL

Input Method	Finger, gloved hand, or stylus activation
Available Sizes	5.7" to 10.4"; visit our Web site for full specifications and other offerings

## ELECTRICAL

Positional Accuracy	1.5% or less
Resolution	Touchpoint density is based on controller resolution of 4096 x 4096
Touch Activation Force	Typically 80 grams
Controller	Board: Serial (RS232) and USB Chip: Serial (RS232) and USB

## OPTICAL

Light Transmission	78% or more
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## ENVIRONMENTAL

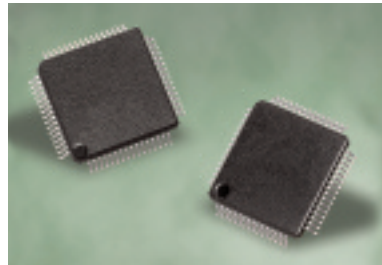
Temperature	Operating: 0°C to 50°C Storage: -20°C to 70°C
Relative Humidity	Operating: 0°C to 50°C, 70% RH or lower, noncondensing Storage: -20°C to 70°C, 90% RH or lower, noncondensing
Altitude	Operating: The touchscreen shall be capable of operating at an altitude of 10,000 feet above sea level Storage: The touchscreen shall be capable of being stored without damage at an altitude of 50,000 feet above sea level
Agency Approvals	UL, TÜV
Sealability	Can be sealed to meet NEMA 4 and 12 and IP65 standard

## DURABILITY

Surface Durability	3H per JIS K5400
Expected Life	Operationally tested to 1 million touches in one location without failure
Warranty	Touchscreen: 1-year limited warranty Controller: 5-year limited warranty



2216 combo controller board



COACH III combo controller chip

To find out more about Elo's extensive range of touch solutions, go to [www.elotouch.com](http://www.elotouch.com), or call the office nearest you.

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