



Mechanical

- Construction** Top Layer : Polyester film
 Middle Layer : Near-invisible spacer dots
 Bottom Layer : Glass substrate with uniform conductive coating (Thickness : 0.7 、 1.1 、 1.8 、 2.8 mm)
- Connection Tail** FPC , crimp flex connector
- Input Method** Finger, gloved hand, or stylus activation
- Activation Force** $\leq 50g$ (stylus =R0.8)
- Available Size** 2.8"~ 22"
 (we also make panels with customized aspect ratio)

Electrical

- Operation Voltage** 3.3V ~ 5V (DC)
- Loop Resistance** 20~500 Ω
- Linearity** Standard deviation error $\leq 1.5%$ or $r \leq 1.0%$
 under request
- Insulation Resistance** $\geq 20 M\Omega/25V$ (DC)
- Response Time** $\leq 15ms$

Optical

- Transmittance** $\geq 80\%$, light transmission at 550nm ;
 Dependant on specific surface finish chosen
- Haze** Clear Finish $\leq 4.5\%$ or Antiglare Finish : (9.5 \pm 2) %



Durability

- Surface Hardness** $\geq 3H$ (JIS 5400)
- Life Time** Operationally tested to 1 million touches In one location
 without failure
- Warranty** 1-year warranty

Environmental

- Operation Temperature** $-10^{\circ}C \sim +60^{\circ}C$ (20%RH~90%RH)
- Storage Temperature** $-30^{\circ}C \sim +75^{\circ}C$ (10%RH~90%RH)
- Constant Temperature** $60^{\circ}C/90\%RH$ for 500hrs
- Humidity**
- Thermal Cycle** $-30^{\circ}C \sim +75^{\circ}C$ (60min./cycle) \times (100 cycles)

Order information

Model : AIM-4R- View Drawing Part Number



Features

- High Transmission Rate
- Low Power Consumption
- Narrow Boarder Design
- Writing and Signature Capture Capability
- Sunlight Readability Available
- Palm Rejection Model Available