



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) (Chemical tempered glass : 1.6mm 、 2.5 mm)
Connection Tail	FFC (FPC optional) , crimp flex connector
Input Method	Finger, gloved hand, or stylus activation
Activation Force	≤ 50g (stylus =R0.8)
Available Size	4.7"~ 24" (we also make panels with customized aspect ratio)

Electrical

Operation Voltage	3.3V ~ 5V (DC)
Loop Resistance	20~500 Ω
Linearity	Standard deviation error ≤ 1.5% or ≤ 1.0% under request
Insulation Resistance	≥ 20 MΩ/25V (DC)
Response Time	≤ 15ms



Optical

Transmittance	≥ 80 % , light transmission at 550nm : Dependant on specific surface finish chosen
Haze	Clear Finish ≤ 4.5% or Antiglare Finish : (9.5±2) %

Durability

Surface Hardness	≥ 3H (JIS 5400)
Life Time	Operationally tested to 35 million touches In one location without failure
Warranty	3-year warranty

Environmental

Operation Temperature	-10°C ~ +70°C (20%RH~90%RH)
Storage Temperature	-40°C ~ +80°C (10%RH~90%RH)
Constant Temperature	70°C /90%RH for 500hrs
Humidity	
Thermal Cycle	-40°C ~ +80°C (60min./cycle) × (100 cycles)

Order information

Model : AIM-5R- View Drawing Part Number

Application



Features

Surface injured is still normal
Narrow Boarder Design
Writing and Signature Capture Capability
Sunlight Readability Available
Palm Rejection Model Available