

TOUCH PANEL SPECIFICATIONS	Projected Capacitive	Glass Substrate	3.5" Diagonal
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Part Number	NVDS-TP1136DA035S-01
Outline Dimensions of TP sensor	59.8(W) x 81.3(H) x 0.55(T) mm
Overall Dimensions incl. cover lens	70.0(W) x 91.5(H) x 1.25(T) mm (Can be changed)
Active Area	53.56 (W) x 71.08(H) mm
Input Method	Finger or Gloved Finger
Number of simultaneous touches	one and gesture
Min. spacing between two touches	15mm
Positional Accuracy	± 2mm at 4 edges and ±1.5mm at center
Touch System Resolution	<0.2mm
Response Time / Speed	<10msec
Minimum Touch Area	30mm ²
Minimum Touch Pressure	0 N
Optical Transmittance	>87%
ITO resistivity	80 Ω/□
Index matching	No (available on request)
Anti-glare surface	No (available on request)
Operating temperature	-20°C to +70°C, up to 90% RH non-condensing
Storage temperature	-30°C to +80°C, up to 90% RH non-condensing
Number of touches	>10 million over lifetime
Surface Hardness	>6H
FPC* attachment method	ACF bonding
FPC pull-off strength	>50g/mm
FPC bending radius	1mm
Touch controller	FT6306
Interface to Host	I2C
Operating Voltage	3.3V
Power consumption	Idle mode: <0.5mW, Active mode <50mW

* FPC shape customized

