

<b>TOUCH PANEL SPECIFICATIONS</b>	<b>Projected Capacitive</b>	<b>Glass Substrate</b>	<b>4.3" Diagonal</b>
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Part Number	<b>NVDS-TP1137DA043S-01</b>
Outline Dimensions of TP sensor	59.9 (W) x 101.5 (H) x 0.55 (T) mm
Overall Dimensions incl. cover lens	77.2 (W) x 115.5 (H) x 1.4 (T) mm (Can be changed)
Active Area	54.86 (W) x 96.04(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 <sup>2</sup>
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

