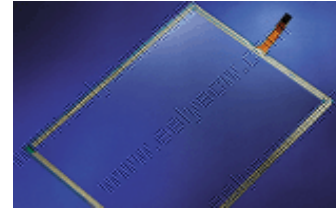


## 4 Wire Resistive Touch Screen



### Features

- Input flexibility –finger (with/without glove), stylus, pen, credit card.
- FPC tail technology surpasses those of our competitors.
- FPC has lower resistance and is more flexible than PET or ITO film used by other suppliers.
- Excellent optical performance even with anti-glare hard coating film.
- Capable of handling spacer dots diameter less than 0.035mm (smallest in the industry).
- Haze < 6% (best optical performance in the industry).
- Various choices of surface treatments available.



### Specification

Circuit Rating		5VDC, 35mA
Light Transmission	Film+Film	>77%
	Film+Class	>83%
Contact Bounce		<10ms
Resolution		4096X4096
Linearity		1.5% (<1.0% By Request)
Operating Force		10g~100G
Surface Hardness		3H
Hitting Life Expectancy		Over 1 million
Scoring Life Expectancy		Over 100,000
Operating Temperature		-10 <sup>0</sup> C ~ + 60 <sup>0</sup> C
Storage Temperature		-20 <sup>0</sup> C ~ + 70 <sup>0</sup> C
Choices of Class Thickness		0.5mm, 0.7mm, 1.1mm, 2.0mm, 3.0mm
Choices of Class		Normal glass, chemically strengthened glass

### Model Specification

Model No.	Spec.	External Dimension	View Area Dimension	Active Area Dimension
TR4028-I	2.8"ln	2.76"x2.17"	2.35"x1.81"	2.28"x1.73"
TR4038-I	3.8"ln	3.52"x2.73"	3.19"x2.40"	3.15"x2.36"
TR4042-I	4.2"ln	3.73"x2.74"	3.50"x2.43"	3.42"x2.35"
TR4047-I	4.7"ln	4.36"x3.52"	3.98"x3.03"	3.86"x2.91"
TR4058-AI	5.8"ln	5.43"x4.25"	4.65"x3.50"	4.57"x3.43"
TR4058-BI	5.8"ln	5.43"x4.25"	4.65"x3.50"	4.57"x3.43"
TR4058-CI	5.8"ln	5.56"x4.12"	4.80"x3.69"	4.53"x3.40"
TR4065-I	6.5"ln	6.14"x4.72"	5.35"x3.94"	5.28"x3.86"
TR4074-I	7.4"ln	6.77"x5.01"	5.86"x4.43"	5.74"x4.31"
TR4084-AI	8.4"ln	8.19"x5.98"	6.93"x5.24"	6.73"x5.04"
TR40846-BI	8.4"ln	7.44"x5.58"	6.85"x5.17"	6.78"x5.10"
TR4094-I	9.4"ln	9.21"x6.85"	8.31"x6.22"	7.72"x5.83"
TR4104-I	10.4"ln	9.33"x7.09"	8.51"x6.43"	8.35"x6.28"
TR4121-I	12.1"ln	10.67"x8.07"	9.96"x7.52"	9.76"x7.32"

TR4150-AI	15"ln	13.00"x10.04"	12.20"x9.25"	11.93"x8.94"
TR4150-BI	15"ln	12.60"x9.57"	11.81"x8.98"	11.22"x8.50"
TR4150-BE	15"Ex	12.24"x10.00"	11.54"x9.17"	11.18"x8.82"
TR4170-AI	17"ln	14.25"x10.94"	13.39"x10.24"	12.60"x9.37"
TR4170-BI	17"ln	14.40"x11.60"	13.46"x10.81"	13.15"x10.49"
TR4170-CI	17"ln	14.11"x11.68"	13.46"x10.80"	13.30"x10.64"
TR4170-E	17"Ex	14.19"x11.41"	13.50"x10.55"	13.07"x10.12"
TR4181-I	18.1"ln	15.28"x12.32"	14.29"x11.46"	10.06"x11.22"
TR4190-I	19"ln	15.56"x11.81"	14.76"x11.20"	14.17"x10.61"
TR4210-I	21"ln	17.24"x13.03"	16.40"x12.40"	15.85"x11.87"

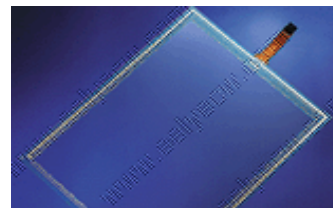


## 5 Wire Resistive Touch Screen



### Features

million times.
●FPC tail technology surpasses those of our competitors.
●FPC has lower resistance and is more flexible than PET or ITO film used by other suppliers.
●Excellent optical performance even with anti-glare hard coating film.
●Capable of handling spacer dots diameter less than 0.035mm (smallest in the industry).
●Haze < 6% (best optical performance in the industry).



### Specification

Circuit Rating		5VDC, 35mA
Light Transmission	Film+Film	>77%
	Film+Class	>83%
Contact Bounce		<10ms
Resolution		4096X4096
Linearity		1.5% (<1.0% By Request)
Operating Force		10g~100G
Surface Hardness		3H
HiTR5ing Life Expectancy		Over 1 million
Scoring Life Expectancy		Over 100,000
Operating Temperature		-10°C ~ + 60°C
Storage Temperature		-20°C ~ + 70°C
Choices of Class Thickness		0.5mm, 0.7mm, 1.1mm, 2.0mm, 3.0mm
Choices of Class		Normal glass, chemically strengthened glass

### Model Specification

Model No.	Spec.	External Dimension	View Area Dimension	Active Area Dimension
TR5058-I	5.8"ln	5.43"x4.25"	4.65"x3.5"	4.57"x3.43"
TR5065-I	6.5"ln	6.14"x4.72"	5.35"x3.94"	5.28"x3.86"
TR5074-I	7.4"ln	6.77"x5.02"	5.86"x4.43"	5.74"x4.31"
TR5084-I	8.4"ln	8.19"x5.98"	6.93"x5.24"	6.73"x5.04"
TR5104-I	10.4"ln	9.8"x7.35"	8.66"x6.61"	8.5"x6.45"
TR5121-AI	12.1"ln	10.87"x8.39"	9.96"x7.52"	9.72"x7.28"
TR5121-BI	12.1"ln	10.68"x8.1"	9.88"x7.46"	9.7"x7.28"
TR5121-CI	12.1"ln	10.43"x8.23"	9.76"x7.34"	9.68"x7.26"
TR5141-I	14.1"ln	12.64"x9.84"	11.4"x8.59"	11.33"x8.52"
TR5150-I	15"ln	13.27"x10.12"	12.2"x9.25"	12.01"x8.98"
TR5170-AI	17"ln	14.41"x11.59"	13.46"x10.81"	13.15"x10.49"
TR5170-BI	17"ln	14.25"x10.94"	13.39"x10.24"	12.6"x9.37"
TR5180-I	18.1"ln	15.28"x12.32"	14.29"x11.46"	14.06"x11.22"
TR5190-I	19"ln	15.55"x11.81"	14.57"x10.87"	14.09"x10.51"

TR5210-AI	21"ln	17.24"x13.03"	16.4"x12.4"	11.93"x8.94"
TR5210-BI	21"ln	17.54"x14.44"	16.27"x13.17"	11.22"x8.50"

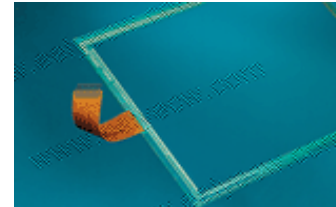


# 8 Wire Resistive Touch Screen



## Features

- Automatically correct the drift issue and avoid the requirement for touch screen re-calibration.
- FPC tail technology surpasses those of our competitors.
- FPC has lower resistance and is more flexible than PET or ITO film used by other suppliers.
- Excellent optical performance even with anti-glare hard coating film.
- Capable of handling spacer dots diameter less than 0.035mm (smallest in the industry).
- Haze < 6% (best optical performance in the industry).
- Various choices of surface treatments available.
- Anti-Newton ring, anti-glare, special chemical hard coating, anti-reflection.



## Specification

Circuit Rating		5VDC, 35mA
Light Transmission	Film+Film	>77%
	Film+Class	>83%
Contact Bounce		<10ms
Resolution		4096X4096
Linearity		1.5% (<1.0% By Request)
Operating Force		10g~100G
Surface Hardness		3H
HiTR8ing Life Expectancy		Over 1 million
Scoring Life Expectancy		Over 100,000
Operating Temperature		-10°C ~ + 60°C
Storage Temperature		-20°C ~ + 70°C
Choices of Class Thickness		0.5mm, 0.7mm, 1.1mm, 2.0mm, 3.0mm
Choices of Class		Normal glass, chemically strengthened glass

## Model Specification

Model No.	Spec.	External Dimension	View Area Dimension	Active Area Dimension
TR8084-I	8.4"ln	8.19"x5.98"	6.93"x5.24"	6.73"x5.04"
TR8104-AI	10.4"ln	9.33"x7.09"	8.51"x6.43"	8.35"x6.28"
TR8104-BI	10.4"ln	9.4"x7.43"	8.65"x6.57"	8.35"x6.27"
TR8121-I	12.1"ln	10.67"x8.07"	9.96"x7.52"	9.76"x7.32"
TR8150-I	15"ln	12.99"x10.04"	12.2"x9.25"	11.93"x8.94"
TR8170-AI	17"ln	14.41"x11.59"	13.46"x10.81"	13.15"x10.49"
TR8170-BI	17"ln	14.25"x10.94"	13.39"x10.24"	12.60"x9.37"
TR8181-I	18.1"ln	15.28"x12.32"	14.29"x11.46"	14.06"x11.22"
TR8190-I	19"ln	15.55"x11.81"	14.76"x11.20"	14.17"x10.61"
TR8210-I	21"ln	17.24"x13.03"	16.4"x12.40"	15.85"x11.87"



## Features

- Low cost and good reliability.
- Very easy to install(no need for controller).
- Drift-free (no need for re-calibration).
- 100% customization (perfect solution for applications requiring limited numbers of fixed



## Specification

Circuit Rating		5VDC, 35mA
Light Transmission	Film+Film	>77%
	Film+Class	>80%
Contact Bounce		<5ms
Resolution		4096X4096
Linearity		1.5% (<1.0% By Request)
Operating Force		10g~100G
Surface Hardness		3H
Hitting Life Expectancy		Over 1 million
Scoring Life Expectancy		Over 100,000
Operating Temperature		-10 <sup>0</sup> C ~ + 60 <sup>0</sup> C
Storage Temperature		-20 <sup>0</sup> C ~ + 70 <sup>0</sup> C
Choices of Class Thickness		0.7mm, 1.1mm, 2.0mm, 3.0mm
Choices of Class		Normal glass, chemically strengthened glass

## Features

- Zoom in, zoom out, rotation
- Slide text and image
- Drag out a subject to different location or into another subject
- Multi-touch allows two fingers to control panel simultaneously
- Long life expectancy and high durability
- Better optical performance, high transparency and high resolution



## Specification

Circuit Rating	3.3~5V DC, 35mA
Light Transmission	86~89%
Contact Bounce	<2ms
Resolution	1024*1024
Input Mode	Finger or stylus pen
Surface Hardness	6H
Life Expectancy	Over 225 millions
Operating Temperature	-10 <sup>0</sup> C ~ + 60 <sup>0</sup> C
Storage Temperature	-20 <sup>0</sup> C ~ + 70 <sup>0</sup> C
Choices of Class Thickness	0.55mm, 0.7mm, 1.0mm
Lens Material	Chemically strengthened glass

## Advantage

- Better production efficiency and Less lead time — with the FPC and Printing production under one roof, we can do better job in cost control, better efficient production and better quality control.
- Rugged design that is able to operated by wet fingers and excellence in absorbing interference (EMI) from LCD module.
- Competitive price and Lower tooling cost with efficient manufacturing process,

## Features

- Accurate Control: Less than 1.5% or 1% linearity and controller with excellent speed.
- FPC Tail Technology:FPC tail has low resistance and is very flexible and robust.
- Durable and Endurance: Our Capacitive touch screen withstand contaminants such as
- Excellent Optical and Responsive Performance: With a transparent protective overcoat that minimizes reflection and maximizes light transmission, our capacitive touch screens provide dramatic scratch resistance and excellent clarity.Fast,light touches can be easily recognized.
- Various standard sizes: From 6.5" to 21" standard capacitive touch screens.For further details,please contact with EELY-ECW offices worldwide.
- Compatibility:EELY Capacitive Touch Screens are fully compatible with MicroTouch (3M) controllers.



## Specification

Circuit Rating	5VDC, 35mA
Light Transmission	>90%
Contact Bounce	<3ms
Linearity	1.5% (<1.0% By Request)
Operating Force	10g~100G
Surface Hardness	6H
Input Mode	Conductive stylus or bare finger
Life Expectancy	Over 225 million
Operating Temperature	-15 <sup>0</sup> C ~ + 70 <sup>0</sup> C
Storage Temperature	-15 <sup>0</sup> C ~ + 70 <sup>0</sup> C

## Model Specification

Model No.	Spec.	External Dimension	View Area Dimension	Active Area Dimension
TCS5065-I	6.5"ln	6.140"x4.72"	5.350"x3.94"	5.280"x3.86"
TCS5084-I	8.4"ln	7.520"x5.89"	6.990"x5.36"	6.570"x5.04"
TCS5104-I	10.4"ln	9.300"x7.20"	8.590"x6.49"	8.070"x6.10"
TCS5121-I	12.1"ln	10.45"x7.95"	9.740"x7.23"	9.190"x6.84"
TCS51501-I	15"ln	12.99"x10.04"	12.20"x9.25"	12.01"x8.98"
TCS5170-I	17"ln	15.25"x12.40"	14.18"x11.33"	13.37"x10.69"
TCS5181-I	18.1"ln	15.30"x12.50"	14.89"x12.04"	14.05"x11.37"
TCS5210-I	21"ln	17.20"x13.24"	16.79"x12.78"	15.84"x12.07"

# Single Layer Capacitive Touch Screen



## Features

- with more simple working principle than matrix capacitive and more stable signal
- More simple layout with lower processing requirement, easier production
- Higher transmission of 89%
- Stronger anti-interference ability than matrix capacitive



## Specification

Circuit Rating	3.3~5V DC, 35mA
Light Transmission	>89%
Contact Bounce	<2ms
Resolution	1024*1024
Surface Hardness	6H
Input Mode	Finger or stylus pen
Life Expectancy	Over 225 million
Operating Temperature	-10°C ~ + 60°C
Storage Temperature	-20°C ~ + 70°C
Lens Material	Chemically strengthened glass
Glass thickness	0.55mm,0.7mm,1.0mm

