

GR4 Series -

Four Wire Resistive Touch Screen



THE GR4 SERIES (4-WIRE RESISTIVE) TOUCH SCREEN

is the most widely used touch application and has the most mature manufacturing technologies. Gtouch is able to provide complete product line for this serie, it is ideally suited for both automobile market and popular consumer market applications such as smart phones, GPS navigation systems, digital photo frames, and tablet PCs. The development of interactive touch products not only makes product operation easier, but also emphasizes the feeling of interactive communication for the consumers.

APPLICATION

- | | | |
|---------------------|-------|----------|
| ■ Cell Phone | ■ GPS | ■ MID |
| ■ PDA & Smart Phone | ■ MP3 | ■ Tablet |

TECHNICAL

Touch Panel

Standard: Sizes from 4.8" to 15"
Customized: Sizes from 1.8" to 19"

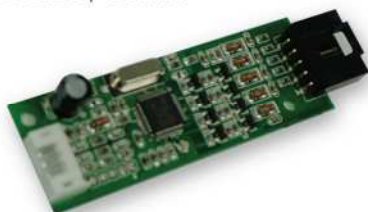
Touch Lens

Customized: Sizes from 2.4" to 12.1"



Controller

USB / RS-232 / Combo

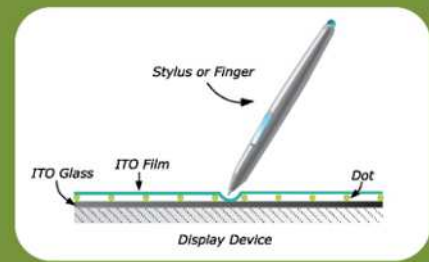


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CHARACTERISTICS

- Low power consumption
- Low production costs
- Well-developed technology for small to medium size
- No limitations on touch media
- Quick response time



SPECIFICATION

| | Standard | Vichle | Touch Lens |
|-----------------------|------------|--------------------------|------------|
| | | | |
| Input Mode | | Finger or Stylus | |
| Storage Temperature | -20°C~70°C | -30°C~80°C | -20°C~70°C |
| Operating Temperature | -10°C~60°C | -20°C~70°C | -10°C~60°C |
| Transparency | | 80% ± 2% | |
| Linearity | | 1.5% | |
| Hardness | | 3H | |
| Operating Force | <50g | | 50g~100g |
| Draw Test | | 100,000 times | |
| Knock Test | | 1,000,000 times | |
| Glass Substrate | | 0.7 / 1.1 / 1.8 / 2.8 mm | |
| Controller Resolution | | 4096 * 4096 | |
| Controller Interface | | USB / RS-232 / Combo | |
| Warranty | | 1 year | |

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