SIGNAL TABLE	
PIN NO.	SIGNAL NAME
1	+5V
2	D-
3	D+
4	GND
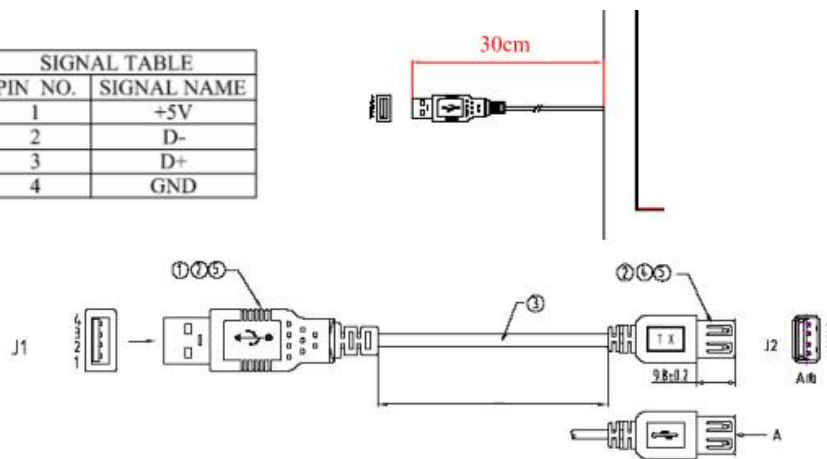
▶ Feature:

- Touch Technology: 3D light source scanning multi-point touch technology
- Touch Points: Default 10-point touch
- Supported Sizes: Custom sizes available on request
- Frame Material and Design: Material: 0603 national standard pure aluminum with high-end brushed black finish. Wide profile: Frame width 27mm, thickness 13.6mm. Front-maintenance design for easy installation and service. Waterproof rating up to IP65.
- Independent Touch Zones: Supports simultaneous independent touch zones in multi-screen signal source displays without cross-interference (ideal for LCD splicing with multiple PCs)
- Touch Physical Resolution: 4096 × 4096
- Report Resolution: 32768 × 32768
- Cursor Speed: ≥125 dots/sec
- Transmission Speed: 12 Mbit/s

- Scan Rate: 50 frames/sec
- Driver: Driver-free, plug and play
- Minimum Touch Object Size: 1.5 mm × 1.5 mm
- Touch Accuracy: ±1.5 mm
- Initial Response Time: ≤8 ms
- Transparency: ≥96% (100% without glass)
- Brightness: ≥350 cd/m²
- Touch Method: Finger, gloved hand, stylus (non-capacitive), or any opaque object
- Touch Pressure: Zero pressure required
- Touch Durability: Equivalent to 200 million touches at the same point as capacitive screens
- Object Shape Recognition: Supported
- Sensor Lifespan: Single sensor: ≥5000 hours; Whole system (interval use): ≥1,000,000 hours in power-saving mode
- Surface Hardness: Mohs level 7, resists 1kg steel ball drop from 1 meter without shattering (per GB9963-1988 & IEC-60950-1999). Shattered pieces are non-hazardous.
- MTBF: ≥5000 hours
- Operating Systems: Windows XP/7/8/10, Linux, Android, Ubuntu, MAC
- Software Interface Protocols: Adobe Flash (TCP mode), Windows 7 Multitouch HID, SDK packages, Titouch serial protocol
- Interface: USB 2.0 HID mode
- Operating Temperature: -10°C ~ 60°C
- Storage Temperature: -40°C ~ 85°C
- Operating Humidity: 10% ~ 90% RH (non-condensing)
- Storage Humidity: 10% ~ 95% RH (non-condensing)

▶ Specification:

- Operating Voltage: USB powered 5.0V (internal voltage 3.3V)
- Average Current: <200 mA (varies by size)
- Power Consumption: 1W
- Maximum Current: <350 mA
- Sleep Current: <10 mA
- Electrical Design Standards: Complies with GB4943.1-2011 safety standards including: markings, electric shock & energy hazard protection, SELV circuits, grounding, clearance & creepage, contact current, dielectric strength, and abnormal/fault conditions
- ESD Protection: EN61000-4-2 Level 4 (15kV air / 8kV contact)
- System Sealing: Control system fully embedded within the touch frame, compliant with NEMA 4 standard
- Waterproof: Meets NEMA 4 standards; no adjustment required during maintenance
- Fire Resistance: Complies with UL-94HB standard
- Environmental Resistance: Dustproof, anti-static, anti-shock; supports multi-touch with up to 20% sensor failure
- Interference Resistance: No static interference or drift
- Temperature Shock Tolerance: -40°C (1 hr) to 85°C (1 hr), 50 cycles, 2°C/min rate