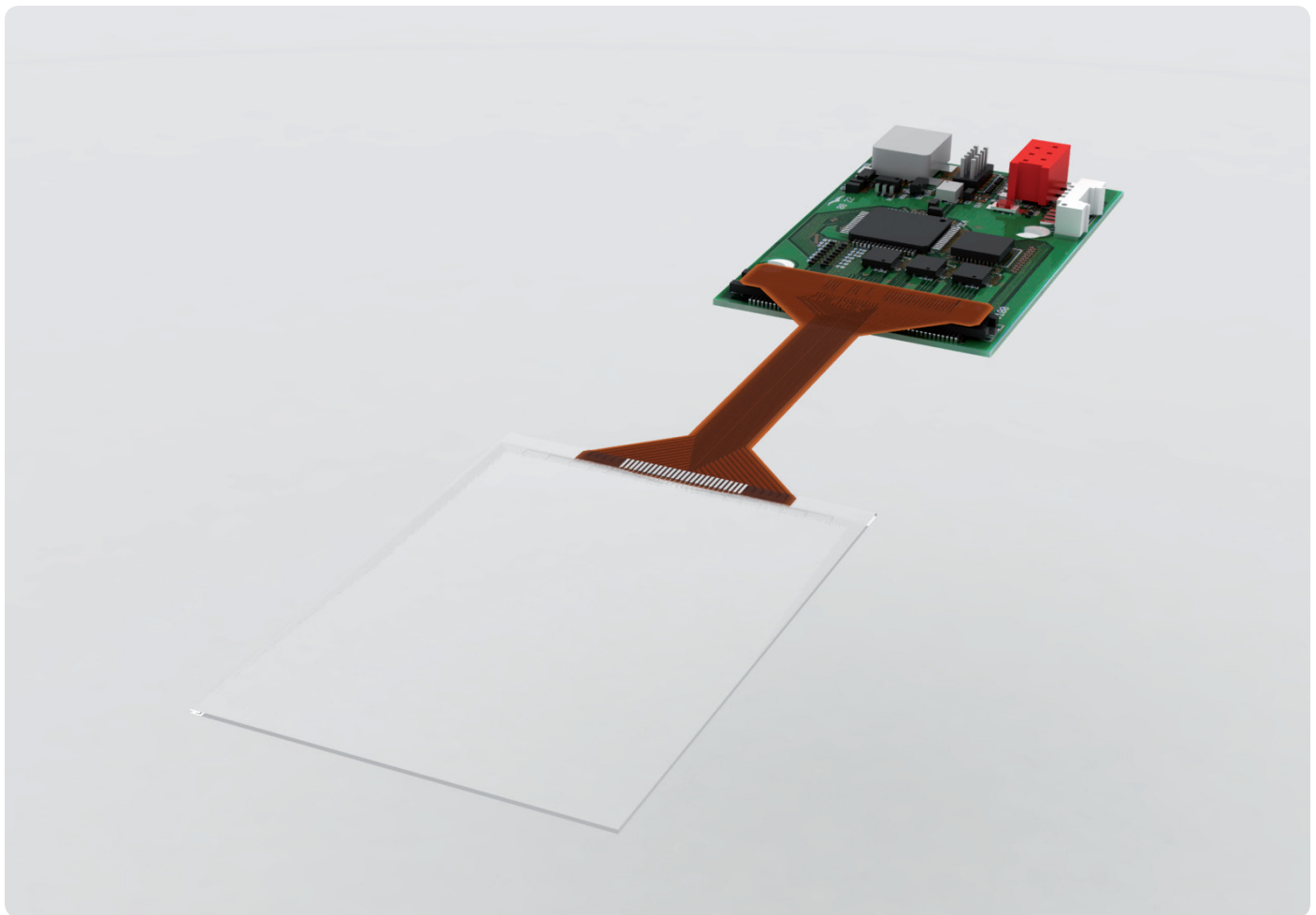


# MDK-2.5

Stantum Multi-Touch Demonstration and evaluation Kit



The MDK series are Multi-touch Demonstration and evaluation Kits. It is composed of a multi-touch panel and its associated electronics. It is used for evaluating Stantum Multi-Touch technology and designing Multi-Touch applications.

It is based on Stantum's unique 7 years of experience in design and production of Multi-Touch systems.

## BENEFITS :

- Evaluate the best of Multi-Touch technology
- Start developing Multi-Touch applications with ease

## FEATURES :

- Patented Multi-Touch technology
- PMatrix™: the unparalleled Multi-Touch detection IP core & firmware
- Works with fingers, stylus and any contact object
- Soft touch: low activation force
- True Multi-Touch: unlimited number of contacts
- High resolution
- Dynamic management of cursors
- The most robust scanning method available

## 2.5" MARKET TARGETS :

- Mobile
- Portable Navigation Devices

## EVALUATE STANTUM'S TECHNOLOGY :

- The best Multi-Touch performance
- Low-power consumption
- Low solution cost
- Great scalability (technology implemented from 2" up to 15.4")
- Tailored for mass production

GENERAL	
Supported OS/platforms	Windows (32 bits), Mac OS X, Linux
Touch-panel scanning rate	Up to 180Hz
Maximum number of fingers or pointers	Unlimited
Jitter	None
Levels of finger-pressure	256 levels, 3 distinct ranges (low, medium, hard)
Requirements	Computer with USB port and supported OS
Hardware package content	Controller board featuring PMatrix™ (Stantum's patented Multi-Touch detection firmware) State of the art digital resistive touch panel USB Mini-B cable CD with software content & documentation
Software package content	C++ communication libraries with PMatrix Drivers for Windows (32bits), Mac OS X and Linux Hello world example Demo example
Documentation	User Manual
Package size	31.5x15.7x5.7cm
Package weight	120g
TOUCH PANEL	
Material	PET/Glass
Touch area size	2.5"
Touch area dimensions (active surface)	52x35mm
Touch panel dimensions (glass surface)	58x39mm
Aspect ratio	4:3
Minimum activation force	10g (0.1N) (soft touch)
Weight	5.5g
Connectivity (to circuit board)	Proprietary
Number of rows	26
Number of columns	20
Pitch	Variable from 1mm to 3mm
Precision (Pointing accuracy)	As low as 0,5mm
CIRCUIT BOARD	
Dimensions	55x33mm
Power input	Powered by USB (40mA)
Power Consumption	35mA
Weight	7g
Connectivity	USB Mini-B