

## PenMount 9026BH Touch screen Control Board

**RoHS compliance (SGS test report number: [CE/2005/A0141](#))**

PenMount 9026BH control board is a very small foot print touch screen control board, with the same functions as PenMount 9084, PenMount 9026BH is different in the mechanical size and the board height in order to fit different systems space.

PenMount 9026BH is also RS-232 interface touch screen control board. There are two wires on board, the first is for the power and RS-232 interface, power line is allowed to have 5V to 12V DC input, RS-232 interface cable has 9-pin D-sub connector. The second cable is for 4-wire or 8-wire touch screen.



### Electrical Specifications:

Touch Screen:	4 & 8 wire
Communications:	RS-232 interface
Baud Rate:	19200 baud rate fixed, N81
Resistance Range:	50~1.3K
Resolution:	2048 x 2048
Electrostatic Discharge (ESD)	Air Discharge 15KV Contact Discharge 8KV
Power Options:	5V to 12V DC
Size:	60 (L) x 20 (W) x 8.3 (H) mm
Others:	Touch activate indication LED on board

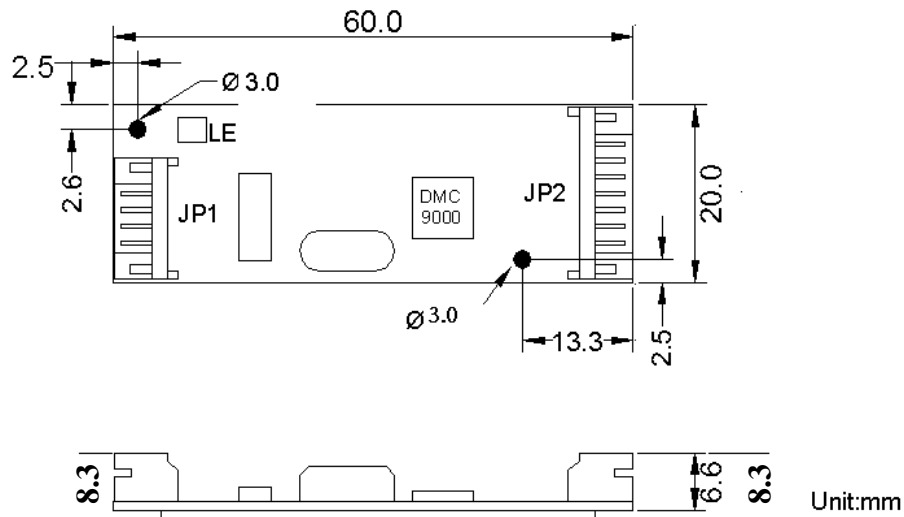
### Driver Software

DOS, Windows 3.11, Windows 95/98/Me/2000/XP/2003/Vista, Linux (up to kernel 2.6), QNX 6.2/6.3, Windows CE 4.2/5.0/6.0 (for X86, Armv4, Armv4i platform); Solaris 10

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## Mechanical Size



## Connector Definition

Pin definitions for the two connectors on the PenMount 9026BH control board follow:

### Connector Pin Definitions for Touch Screen

Pin definition / wires	4-wire touch screen	8-wire touch screen
PIN 9	N/A	Right Sense
PIN 8	N/A	Left Sense
PIN 7	N/A	Bottom Sense
PIN 6	N/A	Top Sense
PIN 5	Right	Right
PIN 4	Left	Left
PIN 3	Bottom	Bottom
PIN 2	Top	Top
PIN 1	Ground	Ground

### Connector Pin Definitions for Power and RS-232

Pin #	Power Lines		RS-232 Interface			
	PIN 1	PIN 2	PIN 3	PIN 4	PIN 5	PIN 6
Definition	Ground	5V~12V power	RTS	TXD	RXD	Ground

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