

GSM SERVER

USB Touch Controller

USB touch controller combined with an attachable glass touch panel may be effectively used for various applications. This module simplifies user interface and makes operation of various devices easier and more user friendly.

This model of touch controller is compatible with 4-wire resistive touch panels. Commutation with computer systems is performed through USB port, Plug and Play connection is also supported. The controller emulates all functions of mouse pointing device including right and left button functions.

Table 1 lists operational systems supported by the controller.

Table 1




Operational system (OS)	OS Version
	Windows XP/2000, 9x/ME Windows CE 2.12/3.0/.net/5.0/6.x Windows Embedded Windows XP Tablet PC edition Windows Vista
	Mandrake (Mandrake 9.1/9.2/10) Mandriva 2005, Mandriva 2006 Red Hat (7.3/8.0/9.0) Fedora (Core I/II/III/IV/V/VI) Yellow Dog (3.X) SuSE (9.2/9.3/10/10.1) Ubuntu (5.1/6.06) Debian (3.1, Kernel 2.4.x/2.6.x)
	Mac OS, Mac OS X (IBM, intelCPU)

Figure 1 shows the controller *

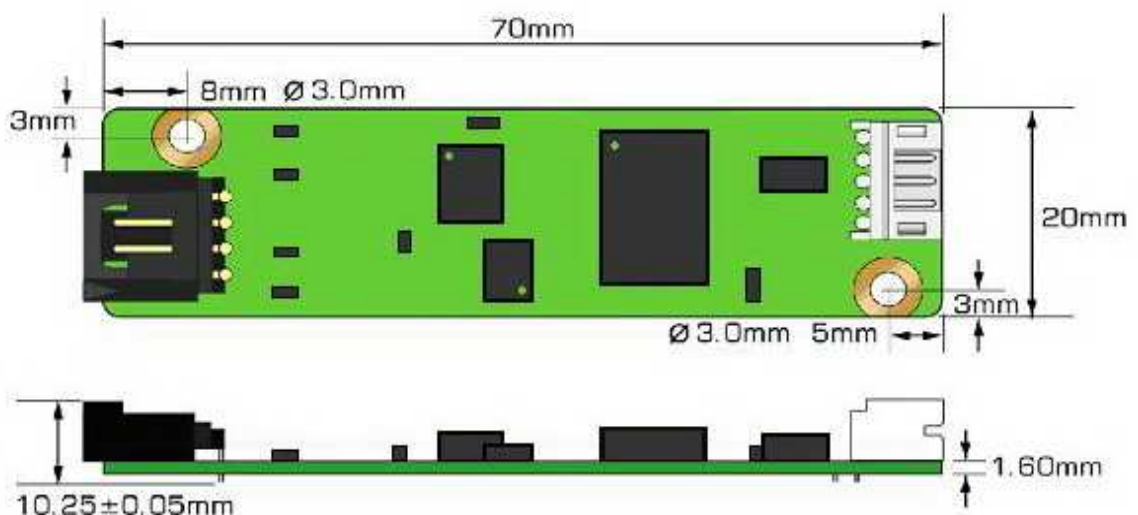


Figure 1

Table 2 lists technical specifications and operational features of the device.

Table 2

Input power	+5 V, 100 mA
Working temperature	-15 °C to +70 °C
Storage temperature	-40 °C to +80 °C
Relative humidity	up to 95% at 60 °C
Commutation channel	USB1.1, USB2.0
ADC resolution supported	up to 2048 × 2048
Response period	up to 35 ms
Reading rate	up to 250 points per second
Jamming immunity	protected against electromagnetic radiation and ESD
Touch panels supported	4-wire resistive touch panels
Panel resistance	200 ~ 900 Ω
Mean time between failures	200.000 hours

Figure 2 shows pinout of the socket, to which the touch panel is connected:

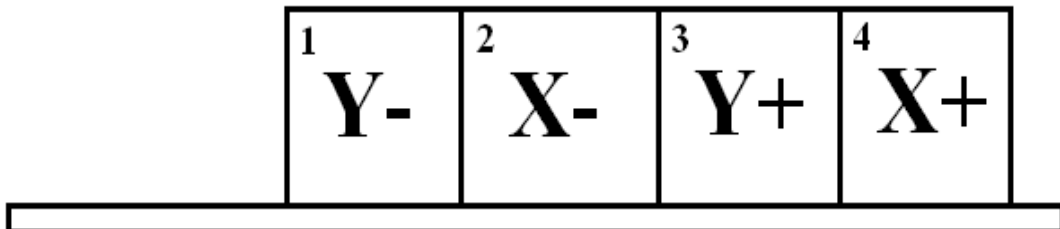
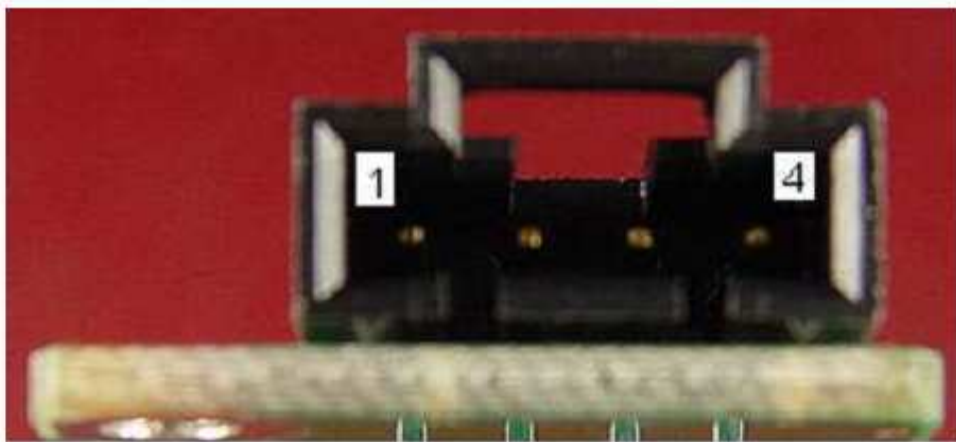


Figure 2