






Dip switch settings of trackballs

Ver. 1.2





Dip Switch settings for Trackball module
Multi protocol types
 Partnumber P50-x7xxxx and P75-x7xxxx

Dip Switch	Function	OFF	ON
1	Protocol Mode	Microsoft RS232 / PS2	Mouse Systems
2	Orientation 1	-	-
3	Orientation 2	-	-
4	Double tracking rate	2/1	1/1
5	VX3 - Virtual 3 Axis Function	Feature Enabled	Feature Disabled
6	Smart button Lock	Feature Enabled	Feature Disabled
7	N/A		
8	Force RS232 to TTL Level	Feature Disabled	Feature Enabled

	Orientation 2 ON	Orientation 2 OFF
		
Orientation 1 ON		
Orientation 1 OFF		





Dip Switch settings for Trackball module
Combo protocol types
 Partnumber P50-x6xxxx and P75-x6xxxx

Dip Switch	Function	OFF	ON
1	Orientation 1	-	-
2	Orientation 2	-	-
3	VX3 - Virtual 3 Axis Function	Feature Enabled	Feature Disabled
4	Smart button Lock	Feature Enabled	Feature Disabled
5,6,7	N/A		
8	Backlight Flash Features	Feature Enabled	Feature Disabled

	Orientation 2 ON	Orientation 2 OFF
Orientation 1 ON		
Orientation 1 OFF		





Dip Switch settings for Trackball module
USB protocol types
 Partnumber P38-x5xxxx and P50-x5xxxx

Dip Switch	Function	OFF	ON
1	Orientation 1	-	-
2	Orientation 2	-	-
3	VX3 - Virtual 3 Axis Function	Feature Enabled	Feature Disabled
4	Smart button Lock	Feature Enabled	Feature Disabled

	Orientation 2 ON	Orientation 2 OFF
Orientation 1 ON		
Orientation 1 OFF		

Dip Switch settings for Trackball module
PS/2 protocol types
 Partnumber P38-x4xxxx-5253 and P38-x4xxxx-5257

Dip Switch	Function	OFF	ON
1	Orientation 1	-	-
2	N/A	-	-
3	VX3 - Virtual 3 Axis Function	Feature Enabled	Feature Disabled
4	Orientation 2	-	-

	Orientation 2 ON	Orientation 2 OFF
Orientation 1 ON		
Orientation 1 OFF		

Note : For the P38-x4xxxx-5218 and P38-x4xxxx-6110, Dip switch 4 is Smart Button Lock. The orientation2 function is not available for these types.

Dip switch settings of trackballs

Ver. 1.2

Dip Switch settings for Trackball module
Serial protocol types
 Partnumber P38-xAxxxx and P50-xAxxxx

Dip Switch	Function	OFF	ON
1	Protocol mode	Microsoft RS232	Mouse Systems (5*)
2	Orientation 1	-	-
3	Orientation 2	-	-
4	Double Tracking rate	2 : 1	1 : 1
5 (5 *)	VX3 - Virtual 3 Axis Function (Baud rate selection)	Feature Enabled (1200)	Feature Disabled (9600)
6	Smart button Lock	Feature Enabled	Feature Disabled
7	N/A	-	-
8	Force RS232 to TTL Level	Disabled	Enabled

	Orientation 2 ON	Orientation 2 OFF
Orientation 1 ON		
Orientation 1 OFF		

	Orientation 2 ON	Orientation 2 OFF
Orientation 1 ON		
Orientation 1 OFF		

(5*) Baud rate selection

In Mouse Systems mode (Switch 1 On), switch 5 works as baud rate selector.

VX3 and Smart button

VX3 Switch	Smart button Switch	Button Functionality	Protocol
OFF	OFF	Momentary Action	3 - Byte
OFF	ON	Draglock (1)	4 - Byte
ON	OFF	VX3 (2)	4 - Byte
ON	ON	Smartbutton (3)	4 - Byte

(1) Draglock

Press middle button once to latch left button.
 Press any button to de-latch left button.

(2) VX3

Press middle button once to latch middle button (gives Pan feature).
 Press again to suspend normal X/Y movement and translate Y movements to third (Z) axis (implements zoom feature).
 Pressing middle button repeatedly toggles between Pan and Zoom modes.
 Press either the left or right buttons to cancel.

(3) Smartbutton

Enabled when right button is pressed for 3 seconds or more.
 Disabled with a further press of the right button for 3 seconds or more.
 Once enabled, pressing any button for approximately one second latches that button on.
 Press any button momentarily to de-latch.