



## Specifications for iFlex Smart-100 Series

### GENERAL

Detection method	Projected Capacitive Technology – Self Capacitance
Input method	Finger, gloved finger and capacitive pen
Number of simultaneous touches	<b>1 &amp; dual touch</b>
Sensor thickness	100 micron transparent polymer
Sizes	<b>17" to 100"</b>
Aspect ratios	4:3 , 16:9 , 16:10
Light transmission	96%
Controller	Printed circuit board with USB connector
Adhesive	Permanent
Operating system	<b>Windows XP/7/8, Linux, Android</b>
Driver	<b>Native OS</b>
Data connectivity	USB 2.0
Touch accuracy	1-5 mm relative
Sensor weight	110 g (42" version)
Controller weight	50 g

### PERFORMANCE

Touch thickness	<b>2mm-15mm, software adjustable</b>
Touch gestures	Frag & drop, Tap and Double-Tap, Selection/Drag,
Frame rate	30-40 FPS
Response time	15-25 ms
Calibration	3 point calibration
Partial Screen Control	<b>Avaliable</b>
Permitted graphic resolution	Unaffected by computer display resolution

### POWER CONSUMPTION

Average power consumption (P)	3W
Maximum power consumption (Pmax)	5 W
Average electric current consumption (I)	0.8 A
Max. electric current consumption	1.3 A

### RELIABILITY

Operating temperature range	-20°C to 70°C
Storage temperature range	-40°C to 135°C
Operating humidity range	0% to 96%
Storage humidity range	0% to 100%, except controller
Life time expectancy	Unlimited
Controller life time expectancy	1 million hours
Warranty	1 year