



Specifications for iFlex Smart-300 Series

GENERAL

Detection method	PCT Mutual Capacitance
Input method	Finger, gloved finger and capacitive pen
Number of simultaneous touches	40
Sensor thickness	100 micron transparent polymer
Sizes	32" to 100"
Sensor number	128*64 (8192)
Aspect ratios	4:3 , 16:9 , 16:10
Light transmission	96%
Controller	Printed circuit board with USB connector
Adhesive	Permanent
Operating system	Windows 7/8 , Linux, Android
Driver	Native OS
Data connectivity	USB 2.0
Touch accuracy	1 mm relative
Sensor weight	110 g (42" version)
Controller weight	60 g

PERFORMANCE

Touch thickness	2mm to 10mm
Touch gestures	Microsoft Windows 7/8 Touch Gestures – Tap and Double-Tap, Selection/Drag,
Frame rate	50 FPS
Response time	12-15 ms
Calibration	Available using driver software; no drift
Partial Area Interaction	Supported
Permitted graphic resolution	Unaffected by computer display resolution
Driver support	Windows 7/8 (32 and 64-bit versions), Linux, Android

POWER CONSUMPTION

Average power consumption (P)	4W
Maximum power consumption (Pmax)	5 W
Average electric current consumption (I)	0.95 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