



SMART's Embedded LCD Solutions

MEMORY • FLASH • DISPLAYS • EMBEDDED

IP-65 SAW Touch LCD Standard Open Frame

SMART Modular Technologies' Display Products Division has achieved the perfect blend of state-of-art-picture quality and display functionality with SMART's family of standard open frame displays. Leveraging their extensive experience with A/D boards and custom display enhancements, SMART's product quality surpasses that of commodity LCD products.

SMART's Open Frame products are derived from working with our customers' specific display design needs. The entire line of Open Frame solutions meet or exceed the performance criteria of most embedded applications. Supporting entry level & industrial grade LCD displays, SMART has had consistent success across multiple vertical markets in a variety of industrial and embedded applications.

SMART's IP-65 LCD* display solutions are tailored to fit the environmental demands of a public access screen where the interface must be flexible and sturdy enough to stand up to heavy usage, exposure to fluids, and resist vandalism.

* IP-65 LCD Solution: Designed to be tough and rugged, the IP65-rated displays protect the LCD display from water, dust, and most impacts.

Features and Benefits:

- Brilliant state-of-the-art LCD picture quality
- IP-65 protective glass and frame designed to resist dust, fluid spills and cleaning agents.
- Customizable product features
- SAW touch allows screen activation with either bare or gloved fingers, perfect for kiosk and ATM applications

Applications:

- Kiosk
- ATM
- Public Display
- Gaming
- Process Control and Measurement
- Surveillance



IP-65 Ready SAW Touch LCD Standard Open Frame



SPECIFICATIONS	15"	17"	19"
SMART Part Number	DG-150AU-SAW-M / DG-150SE-SAW-M DG-150AU-SAW-L / DG-150SE-SAW-L DG-150AU-SAW-R / DG-150SE-SAW-R	DG-170AU-SAW-M / DG-170SE-SAW-M DG-170AU-SAW-L / DG-170SE-SAW-L DG-170AU-SAW-R / DG-170SE-SAW-R	DG-150AU-SAW-M / DG-150SE-SAW-M DG-150AU-SAW-L / DG-150SE-SAW-L DG-150AU-SAW-R / DG-150SE-SAW-R
* 3 kinds of Bracket support	Front mount with mounting brackets (M version) Rear mount 2 sides (L version) Rear mount 4 sides (R version)	Front mount with mounting brackets (M version) Rear mount 2 sides (L version) Rear mount 4 sides (R version))	Front mount with mounting brackets (M version) Rear mount 2 sides (L version) Rear mount 4 sides (R version)
Contrast Ratio (typical)	500:1 / 700:1	800:1 / 1,000:1	800:1 / 1,000:1
Response Time (typical)	12ms / 8ms	5ms	5ms
Viewing Angle (typical) (H / V)	140/120 / 150/135	160 / 160	160 / 160
Brightness (w/o touch)	250nit	300nit	300nit
Power Consumption (operational)	30W (5W standby)	40W (5W standby)	50W (5W standby)
Input Options	Analog / DVI-D	Analog / DVI-D	Analog / DVI-D
Power Requirements	100~240VAC, 50/60 Hz	100~240VAC, 50/60 Hz	100~240VAC, 50/60 Hz
External Connections	D-sub, 15pin, DVI-D	D-sub, 15pin, DVI-D	D-sub, 15pin, DVI-D
Native Resolution	XGA (1024 x 768)	SXGA (1280 x 1024)	SXGA (1280 x 1024)
Touch Interface	USB	USB	USB
Dimensions (unit: mm) * Not including bracket	M Series : 358(H) x 283(V) x 65(T) L Series : 388(H) x 283(V) x 65(T) R Series : 388(H) x 313(V) x 65(T)	M Series : 390(H) x 320(V) x 71(T) L Series : 420(H) x 320(V) x 71(T) R Series : 420(H) x 350(V) x 71(T)	M Series : 430(H) x 352(V) x 71(T) L Series : 460(H) x 352(V) x 71(T) R Series : 430(H) x 382(V) x 71(T)
Temperature	Operating: 0°C to 40°C Storage: -20°C to 60°C	Operating: 0°C to 40°C Storage: -20°C to 60°C	Operating: 0°C to 40°C Storage: -20°C to 60°C
Designed to meet Approvals (pending)	FCC-B, CE, cUL, RoHS	FCC-B, CE, cUL, RoHS	FCC-B, CE, cUL, RoHS
Service and Support / Warranty	3 years	3 years	3 years
* Options (External Module)	15"	17"	19"
Power Supply Part Number	GADPT-LSE9901B1250	GADPT-LSE9901B1250	GADPT-LSE9901B1260
VGA Cable Part Number (1,800mm)	GCBL-E2-1515X-182	GCBL-E2-1515X-182	GCBL-E2-1515X-182
DVI Cable Part Number (1,800mm)	GCBL-E2-2424D-182	GCBL-E2-2424D-182	GCBL-E2-2424D-182

Corporate Headquarters

Tel: (+1) 800-956-7627
Tel: (+1) 510-623-1231
Fax: (+1) 510-623-1434
Email: info@smartm.com

USA

Tel: (+1) 978-805-2100
Fax: (+1) 978-805-2357
Email: customers@smartm.com

Latin America

Tel: (+55) 11 4417-7200
Fax: (+55) 11 4417-7219
Email: sac@smartm.com

Europe

Phone: (+33) 1 43 54 58 80
Fax: (+33) 1 43 26 64 81
Email: euro.sales@smartm.com

Asia/Pacific

Phone: (+65) 6232-2858
Fax: (+65) 6232-2300
Email: infoasia@smartm.com

www.smartm.com

 **SMART**[®]
Modular Technologies