



SMART's Embedded LCD Solutions

MEMORY • FLASH • DISPLAYS • EMBEDDED

5-Wire Resistive 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.

Features and Benefits:

- Brilliant state-of-the-art LCD picture quality
- Robust and high accuracy 5-Wire Resistive Touch Screen allows screen activation with either bare or gloved fingers, perfect for kiosk and ATM applications
- Customizable product features

Applications:

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



5-Wire Resistive Touch LCD Standard Open Frame



SPECIFICATIONS	15"	17"	19"
SMART Part Number	DG-150AU-5R / DG-150SE-5R	DG-170AU-5R / DG-170SE-5R	DG-190AU-5R / DG-190SE-5R
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	338(H) x 260(V) x 38(T)	369(H) x 298(V) x 41(T)	406(H) x 331(V) x 43(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
Mounting Options	Adjustable rear panel mounting brackets included. VESA 75/100mm compatible.	Adjustable rear panel mounting brackets included. VESA 75/100mm compatible.	Adjustable rear panel mounting brackets included. VESA 75/100mm compatible.
* 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

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