



SMART's Embedded LCD Solutions

MEMORY • FLASH • DISPLAYS • EMBEDDED

Non-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
- Optional IP-65 protective glass and frame designed to resist dust, fluid spills and cleaning agents.
- Customizable product features
- Optional touch screen

Applications:

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

Non-Touch LCD Standard Open Frame



| SPECIFICATIONS | 15" | 17" | 19" |
|--|---|---|---|
| SMART Part Number | DG-150AU / DG-150SE | DG-170AU / DG-170SE | DG-190AU / DG-190SE |
| 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) |
| Dimensions (unit: mm) * Not including bracket | 327(H) x 254(V) x 32(T) | 362(H) x 297(V) x 35(T) 358(H) x 290(V) x 35(T) | 399(H) x 327(V) x 37(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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