

Point of Sales (POS)

LCD Monitor

with *Infrared Touch Screen*

Durable!!

PSL150-IB



FRONT



SIDE



BACK

- * *Front panel NEMA4 / IP65 meet.*
- * *Durable Infrared Touch Screen for 24/7 use*
- * *High resolution, high brightness and contrast.*
- * *Long-life backlight.*
- * *Anti-Reflective window.*
- * *Slim design.*

www.i-techcompany.com
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| | | |
|------------------------------|----------------------------------|--|
| SIZE | | 15.0" |
| PANEL | Display Type | XGA TFT |
| | Max. Resolution | 1024 x 768 |
| | Response time | 25ms |
| | Display Colors | 16M colors |
| | Pixel Pitch | 0.297 x 0.297mm |
| | Brightness | 250cd/m ² |
| | Contrast Ratio | 400 : 1(Typical) |
| | ViewingAngle(typical) | 80°/80°(L/R) & 80°/80°(U/D) |
| | Display Area | 304.1 x 228.1mm |
| INPUT SIGNAL | Supported Video Signal(Optional) | Analogue Audio Input / output DVI, Composite & S-video (PAL/ Secam/ NTSC) |
| RESOLUTION SUPPORT | Supported | 640 x 350@70Hz 720 x 400@70Hz 640 x 480@60~75Hz 832 x 624@75Hz(MAC) 800 x 600@ 56 ~ 75Hz 1024 x 768@ 60 ~ 75Hz |
| | Recommended | 1024 x 768 @ 60Hz |
| POWER CONSUMPTION | On working | < 30watt(Max.) |
| | Off | < 3watt |
| OSD CONTROL | Function (Standard) | Brightness, Contrast, Position(H/Position), Clock(Clock, Phase, Use), Color (Color temperature, User Adjustment), Language, Information, OSD(OSD time, H/V position, Use), Auto Adjust |
| | Function (Optional) | Color(Contrast, Brightness, Gamma, Color Temp., Color Adjust), Picture(H/V Position, Phase, Clock, Sharpness), Function(Auto Adjust, Auto Color), OSD Menu(Language, OSD H/V Position, OSD Timer, Translucent), MISC(Signal Source,Power Light, Reset), Sound(Sound, Volume) |
| | Language | Korean, English, French, German, Italian, Spanish |
| PLUG & PLAY | | DDC1 / DDC2B |
| POWER SAVING | | VESA DPMS |
| POWER SUPPLY ADAPTER | Input | AC 100V ~ 240V, 50~60Hz |
| | Output | 12V DC |
| OPERATING Temperature | | 0°C to 50°C Operating |
| STORAGE Temperature | | -20°C to 60°C Storage |
| OPERRATING Humidity | | 10%RH to 90%RH Operating 10%RH to 90%RH Storage |
| DIMENSION | | 382 x 302 x 56mm |
| WEIGHT(NET/GROSS) | | 4.2 / 5.9 Kg |
| STANDARD ACCESSORIES | | 15-PIN VGA cable, DC adapter, Power cord |
| OPTIONS | Front Bezel | Aluminium |
| | Touch Screen | 4 or 5 wires Resistive, Capacitive, S.A.W, Infrared Beam |
| | Touch Interface | Serial / USB |

Specifications of Infrared Touch Screen

| | |
|------------------------|--|
| MECHANICAL | |
| Input Method | Finger or gloved hand activation |
| ELECTRICAL | |
| Position Accuracy | Typical centroid accuracy : >2.5mm |
| Resolution | Touchpoint density is based on controller resolution of 4096 x 4096 |
| Touch Activation Force | No minimum touch activation force is required |
| Operating Voltage | DC 5V or DC 12V |
| Power | < 1W(Current) < 230mA at DC5V, < 300mA at DC 12V |
| PANEL | |
| Transmission | > 92%, Up to 100% |
| Response speed | < 16ms |
| Touch Intensity | Over 60,000,000 single point touch |
| Thickness of Glass | 3.2mm with anti-vandal |
| ENVIRONMENTL | |
| Temperature | Operating : -20 to70 Storage : -40 to 70 |
| Humidity | Operating : 20 ~ 85% Storage : 0 ~ 95% |
| Altitude operating | 3,000m |
| Sealability | Can be sealed to meet NEMA4 / 12 and IP65 standard |
| Life Time | 7years |
| Warranty | Touch Screen : 7years limited Controller : 7years limited |

Resistive Touch Screen

| | | |
|--------------------|------------------------|--|
| OPTICAL | Transmittance(Typical) | 80% |
| | Film Type | Clear/Non-glare/Anti - newton's Ring Coating |
| ELECTRICAL | Linearity | ±1.5% |
| | Insulation | 2.5MΩ ↑ @ DC25V |
| | Connector | AMP(position :5, pitch :0.1") |
| | Chattering Time | 10msec ↓ @100kΩ |
| MECHANICAL | Activation | Less than 80g |
| | Input Method | Finger, Gloved Hand and Stylus |
| | Hardness | 3H ↑ |
| RELIABILITY | Operating Temperature | -20°C ~ 60°C |
| | Storage Temperature | -30°C ~ 70°C |
| | Thermal shock | -40°C/30min, 80°C/30min(10cycles) |
| | Temperature & Humidity | 60°C , 90%RH 240 HR |
| | High Temperature | 80°C, 240HR |
| | Low Temperature | -40°C 240HR |
| DURABILITY | Surface Scratching | 1 Million times (250gf, 60mm/s) |
| | Surface Pitting | 35,000,000times (250gf, 2times/s) |