

Outdoor Panel PC

IDOOH-210-IR Sunlight-Readable Panel PC



- Intel® Atom™ Processor E3845 QC processor
- 4GB DDR3L system memory
- 21.5-inch LCD panel
- IR touch screen
- 1x USB 3.0, 1x USB 2.0, 1x RS-232/422/485
- Integrated DP port for second display
- 90V~240V AC power input
- Extended temperature range from -40°C to +50°C (+122°F)
- IP65 rated (high brightness) front panel
- ODM requests accepted



IP65-rated front panel, IR touch



Webcam and Smart Brightness control



IDOOH-210-IR

Outdoor Panel PC

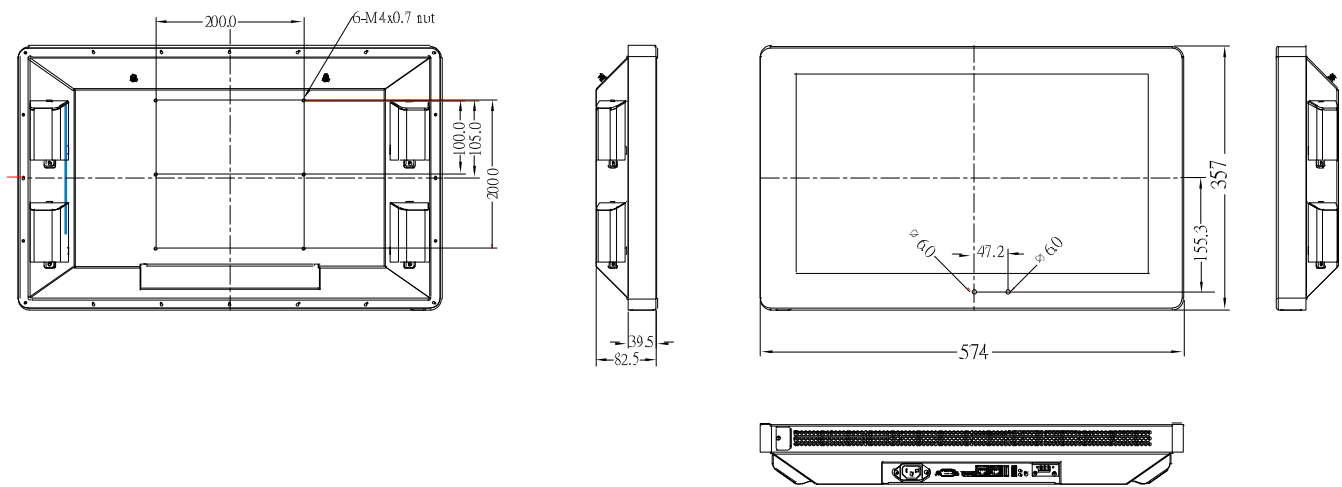
Specification

Model No.	IDO0H-210-IR
System	
Processor	Intel® Atom™ E3845 (Quad-Core @ 1.91 GHz)
System Memory	2x DDR3L SO-DIMM, up to 8GB, Default DDR3L 4GB (4GBx1)
External I/O	
USB	1x USB 3.0, 1x USB 2.0
Serial/Parallel	11x D-SUB9 RS-232/422/485 COM1
Audio	None
Graphics	1x DP port
LAN	2x RJ45 GbE LAN
Digital I/O	None
Keyboard/Mouse	None
Membrane Control	None
Power	1x AC power inlet (IEC 60320 type C14) 1x Push button set AT mode as default
Storage Space	
HDD	1x 2.5" SATA HDD space, default 32G SSD
Removable Slot	None
Expansion	
Onboard Expansion Bus	1x mSATA/mPCIe(x1) w/ USB signal [Half-size] 1x mSATA/mPCIe(x1) w/ USB signal and mSATA supported [Full-size]
Expansion Slot	None
Display	
Display Type	21.5" TFT-LCD
Max. Resolution	1920 x 1080
Max. Color	16.7M
Luminance (cd/m2)	Up to 1200nits, set default 75%
View Angle (H°/V°)	140/120
Contrast	1000:1
Backlight Lifetime(hrs)	50000
Touch Screen	
Type	IR touch
Interface	USB
Light Transmission (%)	88
Power	
Power Input	90V~240V AC
Mechanical	
Construction	Aluminum front bezel, black painting Black painting SGCC + Aluminum chassis
IP Rating	IP65 front bezel
Mounting	Open frame rack mounting
Dimensions (mm)	574 x 357 x 82.5
Net Weight (kgs)	TBD
Environment	
Operating Temperature(°C)	Low Temperature: -40°C with installed heater inside High Temperature: W/ 1120W/m ² solar energy: 44 °C W/ 900W/m ² solar energy: 50 °C
Storage Temperature(°C)	-20°C~60°C
Storage Humidity	5%~90% @ 50°C, (non-condensing)
Certification	CE/FCC Class B
Operating System Support	Windows 8 32/64bit, Windows 7 Pro for Embedded 64bit, WES7 64bit

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■ Dimensions

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Ordering Information

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21.5" Outdoor Panel PC with IB897, Intel® Atom™ E3845 1.91 GHz, DDR3L SO-DIMM 4GB, 32G SSD, IR touch