

# Icon82

DID Panel, Outdoor, LCD Display



Product Picture



Product Overview



IconOne displays are designed for indoor and outdoor use in public environments where extremely reliable and durable displays for 24/7 usage are needed.

- Out-of-home -media
- Public terminals
- Shopping malls
- Sports arenas etc.

**IconOne displays are highly protected against environmental and other external effects, vandalism, accidents etc.**

- IP65 all main components, IP54 whole unit
- Antiglare coated laminated and hardened safety glass
- Robust aluminium casing
- Panel and electronics protected with vibration dampers
- Electronically controlled heating and cooling system with safety shutdown and startup operations

**Low maintenance costs**

- Cooling unit has no filters, no need for regular maintenance
- Cooling unit has no refill need, liquids etc.
- Long lifetime and reliable industrial components used
- Samsung DID-LCD panels are designed for reliable 24/7 use

**Modular construction offers possibilities for many different applications and installations**

- Portrait and landscape installations possible
- Wall, ceiling and flag mountings
- Free standing unit
- Custom made mounting brackets
- Customisable covers (shape and colors)

Explanation	Unit	Value
<b>Mechanical dimensions</b>		
Width	mm	1271
Height	mm	2066
Depth	mm	240
Active Width	mm	1016
Active Height	mm	1806
Weight	kg	240
Safety glass thickness	mm	6.12
"6mm hardened, 12mm hardened+laminated"		
Surface treatment visible surfaces		Powder coated
Surface treatment steel body		Hot dip zinked
Mounting		Icon bracket
<b>Display</b>		
Resolution	kpl x kpl	1920x1080
Pixel pitch	mm	0.9405
Active area	mm x mm	1806x1016
Number of colors	kpl	16.7 M
Brightness	Cd/m <sup>2</sup>	700
Contrast ratio	x:x	1:1200
Response time	ms	8
Backlight type		CCFT
Number of backlights	kpl	88
<b>Power</b>		
Current typical	A	1600
Current maximum	A	2450
Operating voltage	V	115VAC tai 230VAC
<b>Computer Basic</b>		
Processor		Intel Pentium-M 1.8Ghz
Memory		1Gb DDR
Hard-drive		80 GB
Video memory		64 MB
Operating system		Win XP Pro
<b>Computer Advanced</b>		
Processor		Intel Core Duo 2.0 Ghz
Memory		1GB DDR7
Hard-drive		80 GB
Video memory		224 MB
Operating system		Win XP Pro
<b>Network connections</b>		
Wired		1GB lan RJ45
Wireless		"Wlan, Wi-Fi"
<b>Graphics inputs (optional)</b>		
Input 1		DVI
Input 2		VGA
Input 3		RGB+YUV
Input 4		S-Video
Input 5		Composite
Resolution		1920x1080
<b>Environmental conditions</b>		
Max Temperature operational	°C	45
Min Temperature operational	°C	-40
Max Temperature storage	°C	60
Min Temperature storage	°C	-20
Humidity (non-condensing)	%	10-90
<b>Approvals</b>		
EMI/EMC		EN 55022 Class A
EMI/EMC		EN55024
EMI/EMC		EN61000-3-2
EMI/EMC		EN61000-3-3
EMI/EMC		EN50121-4
Safety		EN60950-1
Safety		CE