

# Public Information Display, 42"

## Feature

- Large and high resolution screen
- 16:9 format
- Outdoor application
- Built-in graphic controller

## Application

- Transportation
  - Flight Information Display System
  - Airport Baggage Information Display
  - Train Information System
- Outdoor
  - Advertising Signage
  - Reception & Entertainment
  - Queuing Display System
  - Banking & Finance



**DS-8842v2.1**

Graphic Engine Type	Core 2 Duo	Intel® Quad Core Processor
Processor	Core 2 Duo	Celeron® 2.42GHz, 64bit
Hard Disk	500GB 2.5" HDD or 64GB SSD	
System Memory	512 MB	512 MB
Video Memory	256M byte	256M byte
Ethernet	10/100/1000Mbps	10/100/1000Mbps
Serial Port	RS-232 (1x) RS-485 (1x)	RS-232 (3x) RS-485 (1x)
Watchdog	BIOS setting	BIOS setting
Audio	Speaker, Mic-in, Line-in	Speaker, Mic-in, Line-in
Keyboard & mouse	PS/2 (x2)	USB

Graphic Engine	Optional Add-ons	
Solid State Drive	Up to 256 GB mSATA	
Bluetooth	IEEE 802 wireless connectivity	
System Memory	up to 2GB max	up to 8GB max
Stereo TV tuner	Available on special request	
Ethernet, wireless	108 Mbps, USB	
Ethernet, fiber	Ethernet 10/100/1000 Base FX fiber optic, SC or ST	
Operating System	Linux, Windows Embedded	

Mechanical Specification	
Color	Basalt Grey 81300 (LTA) (Customized color welcome)
Dimension	675H x 1085W x 145D mm
Weight	38 kg
Packaging Size	1188L x 240B x 780H mm



# Technical specification, IP55

## Public Information Display 42"

Display Type	42" TFT LCD
Native Resolution	WUXGA, 1920 x 1080 pixels
Aspect Ratio	16:9
Viewing Angle	150° horizontal 150° vertical
Brightness	350 nits or cd/m <sup>2</sup> nits (Standard)
High Brightness	DS 8842v2.1 -700 => 700 nits / 900 nits
Contrast Ratio	4000 : 1 (700 nits) / 3000:1 (900 nits)
Response Time	4ms
Frequency	47 - 85 Hz
MTBF	50000 hrs at operating temperature of 25° C
Number of color	16.77 million colors
Pixel Pitch	0.227 x 0.681 mm
Operating Temperature	0° to 40°C
Storage Temperature	-20° to 60°C
Humidity	10 – 95 %
LVDS	24bit Dual channel
VGA Signal Output	Analog RGB, DB15 (female)
Power Requirement	230 VAC ±10% , 75W
Line Frequency	50 ± 1 Hz
Display Window	Protective glass, antiglare
EMC Certification	EN55011, EN55022 Class A, EN 50082-2, EN61000-4-2, EN61000-4-3, EN61000-4-4, EN61000-4-5, EN61000-4-6, EN61000-4-8, EN61000-4-9, ENV 50204
CE Certification	EN60950-1:2006
IP55 Certification	EN60529: IP55
Climate Certification	EN50155 ; EN60068-2-1, EN60068-2-2, EN60068-2-30

### Ordering Information

Model No: **8842v2.1** – **xxxx**

