

# Digital Signage, 46" LCD, with Touch

## Feature

Large and high resolution screen  
16:9 format

Built-in graphic engine

## Application

Transportation

- Flight Information Display System
- Airport Baggage Information Display
- Train Information System

Advertising Signage

Reception & Entertainment

Game of Chance

Queuing Display System

Banking & Finance



**DST-8046I**

Graphic Engine Type	Pentium 4	VIA
Processor	Pentium 4 , 3GHz	VIA C7, 1.5GHz
Hard Disk	80G byte 3.5" HDD	4G byte Micro Disk Module
System Memory	512 MB	512 MB
Video Memory	128M byte	32M byte
Ethernet	10/100Mbps	10/100Mbps
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)	PS/2 (x2)

Graphic Engine Options		
Micro Disk Module (MDM)	Up to 8GB	
Hard Disk	2.5" HDD available	
System Memory	up to 2GB max	up to 1GB max
Stereo TV tuner	Available	
Ethernet, wireless	Up to 108Mbps	
Ethernet, fiber	Gigabit transmission speed	
Operating System	Linux, Windows XP, Windows Vista	

Mechanical Specification	
Color	Black, White, Red, Brown, Yellow (Customized color welcome)
Dimension	686H x 1,140W x 145D mm
Weight	32kg
Packaging Size	1290L x 320B x 920H mm



Digital Signage 46" with Touch

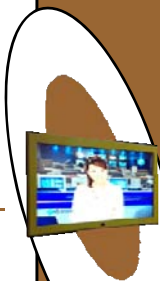
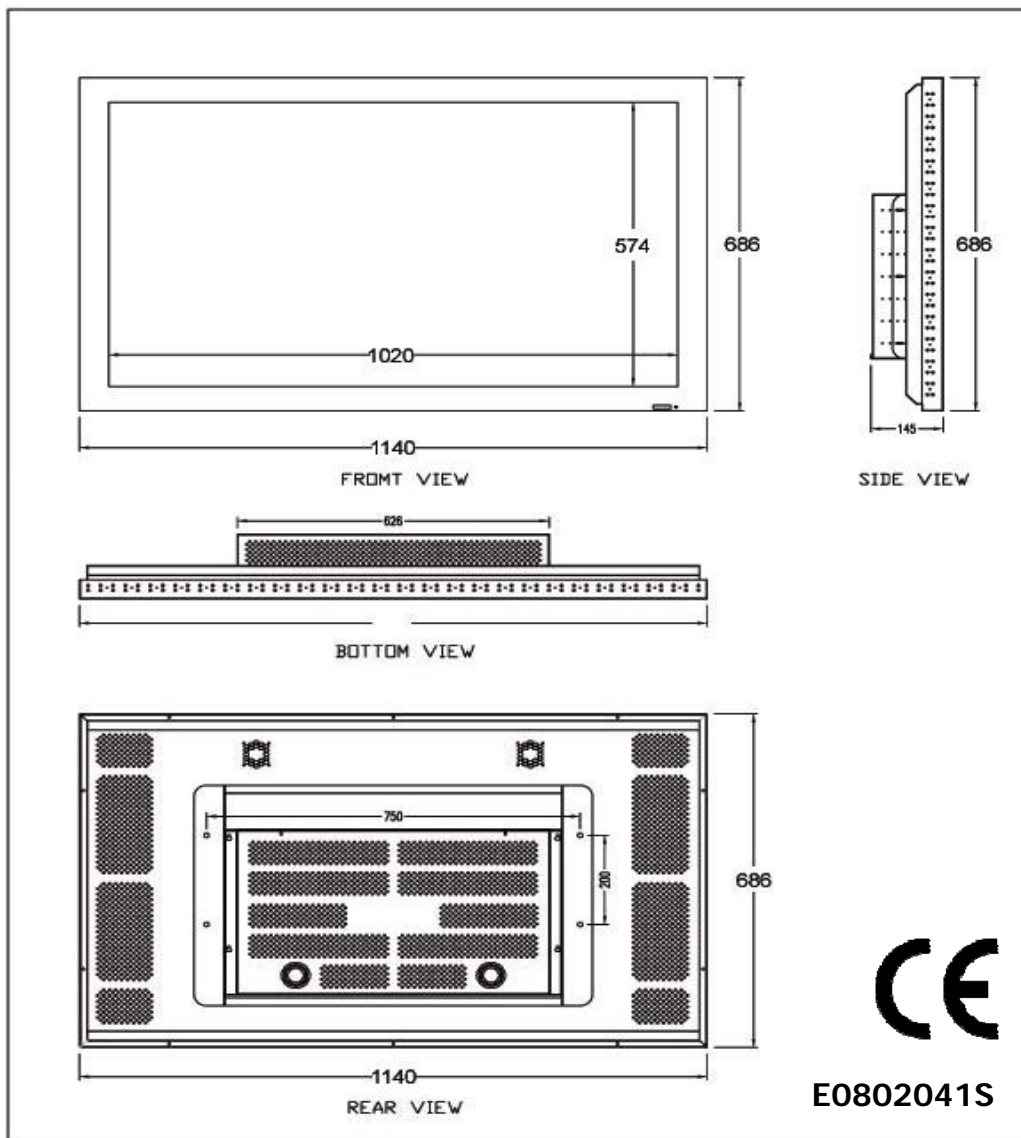


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# Digital Signage, Technical specification, IP20

# Technical Specification

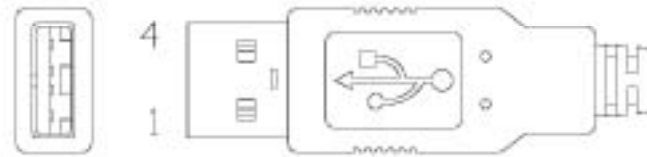
Display Type	46" TFT LCD DS-8046
Native Resolution	WUXGA, 1920 x 1080 pixels
Viewing Angle	89° horizontal 89° vertical
Brightness	1300 nits or cd/m <sup>2</sup>
Contrast Ratio	10,000 : 1 (typical)
Response Time	8ms
Frequency	47 - 85 Hz
Lamp Life Time MTBF	50000 hours
Number of color	16.7 million colors
Pixel Pitch	0.2175H x 0.6525W mm
Operating Temperature	0° to 40°
Storage Temperature	-20° to 60°
LVDS	48bit Dual channel
VGA Signal Output	Analog RGB, DB15 (female)
Power Requirement	230 VAC, 230W, IEC320 type



# Digital Signage, Technical Specification, IP20

Touch Screen Electrical Specification	
Resolution [pixel]	4096(W)×4096(D)
Number of optical elements	156(W)×88(D)
Power supply	< 5W
Scan periods	30~50Hz
Transfer speed	12 Mbps
Detection area [mm]	1105 (W) X 652(V) mm

## Data Cable Connection



USB Cable Pin-out	
Pin Number	Signal
1	+5V DC
2	Data -
3	Data +
4	Ground

