

Digital Signage, 42" 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-80421

Graphic Engine Type	Pentium M	Intel Atom
Processor	Pentium M , 1.8GHz	Atom N270, 1.6GHz
Hard Disk	80G byte 3.5" HDD	4G byte Micro Disk Module
System Memory	512 MB	512 MB
Video Memory	64M byte	256M byte
Ethernet	10/100Mbps	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)	PS/2 (x2)

Graphic Engine	Optional Add-ons	
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 on special request	
Ethernet, wireless	54Mbps, USB	
Ethernet, fiber	Ethernet 10/100 Base FX fiber optic, SC	
Operating System	Linux, Windows XP, Windows Vista, DOS 6.6	

Mechanical Specification	
Color	Black, White, Red, Brown, Yellow (Customized color welcome)
Dimension	610H x 1017W x 110D mm
Weight	28 kg
Packaging Size	1220L x 320B x 820H mm



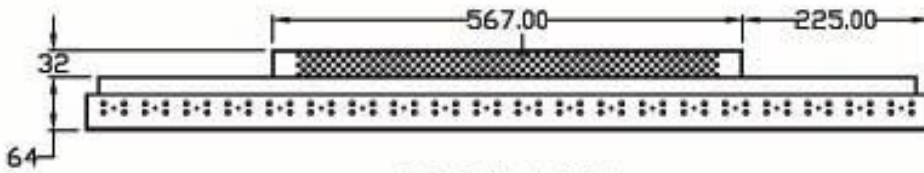
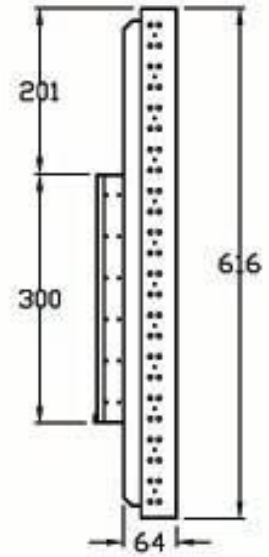
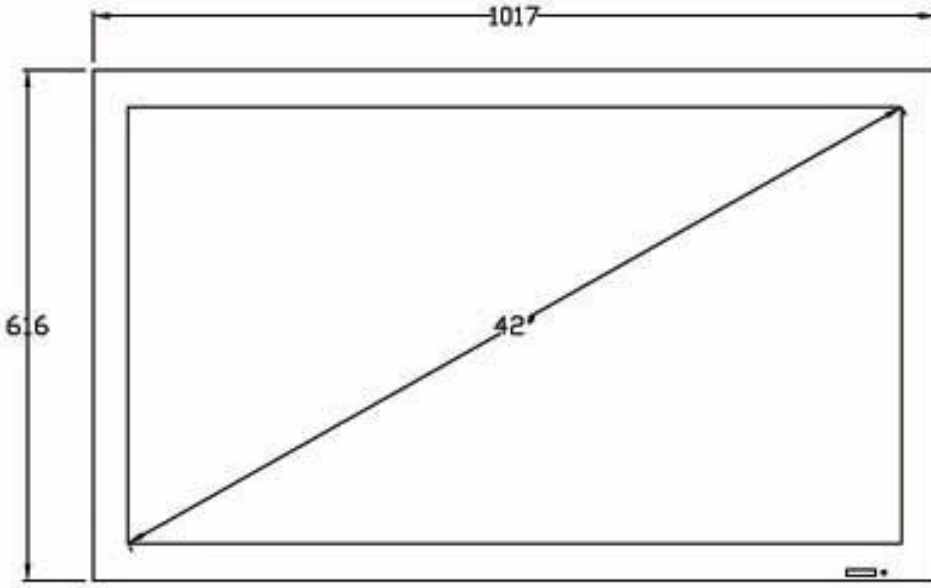
Digital Signage 42" with Touch



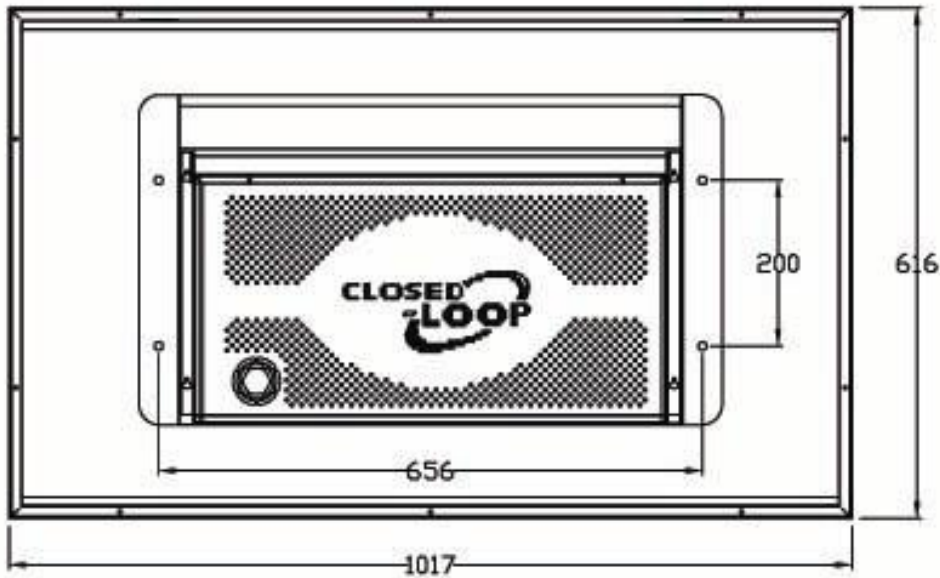
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Mechanical Dimension, IP20

Technical Specification



BOTTOM VIEW



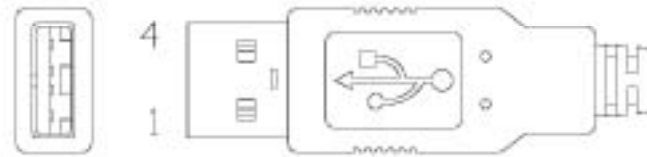
REAR VIEW



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	< 2W
Scan periods	30~50Hz
Transfer speed	12 Mbps
Detection area [mm]	925.35 (W)X519.39 (D)

Data Cable Connection



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



Digital Signage, Technical specification, IP20

Technical Specification

Display Type	42" TFT LCD DS-8042
Native Resolution	WXGA, 1366 x 768 pixels
Aspect Ratio	16:9
Viewing Angle	178° horizontal 178° vertical
Brightness	500 nits or cd/m ²
Contrast Ratio	1100 : 1 (typical)
Response Time	8ms
Frequency	47 - 85 Hz
MTBF	50000 hours
Number of color	16.7 million colors
Pixel Pitch	0.227 x 0.681 mm
Operating Temperature	0° to 50°
Storage Temperature	-20° to 60°
Humidity	10 – 95 %
LVDS	24bit Single channel
VGA Signal Output	Analog RGB, DB15 (female)
Power Requirement	230 VAC ±10% , 230W, IEC320 type
Line Frequency	50 ± 1 Hz
Display Window	Antiglare, protective glass
EMC Certification	EN55011:2007, EN55022 Class A EN61000 EN55024
CE Certification	EN60950-1:2006

