CONSULTANCY

SYSTEM INTEGRATION

SERVICES & MAINTENANCE

Flight Information Display System (IOM)

TECHOLOGY

IMPROVISED

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UDDS

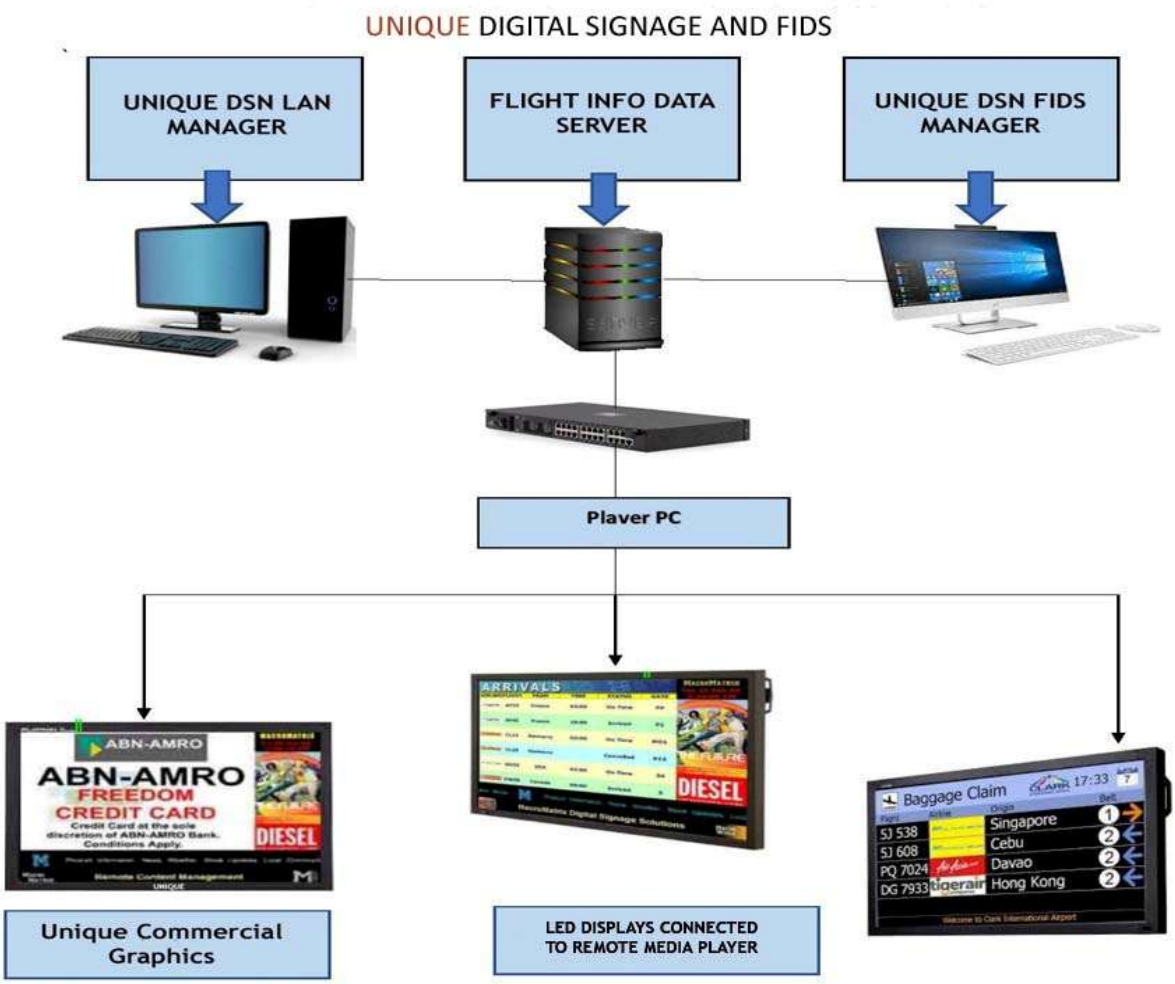
Unique Flight Information Display System

Unique Flight Information Display System solution is a flight information software combined with advertising and public message display. Our FIDS systems run software developed on Sql platform functional with standard player PCs that can display real time flight information along with other supported media files like Flash (.swf), .mpeg avi and other standard multimedia format files. These sequences can be created in the Unique FIDS software manager. The Manager software resides on a central PC, which communicates to other remote displays located throughout the airport over a LAN network.

The Software can be configured in any desired configuration as per the user to display the desired information or message or advertisement. Software enables one to make configuration settings, which include screen delay time, settings to drop old flight information, screen delay time and to define database sources.

Flight information can be updated manually, pulled from a third-party database (requires customization) including Microsoft Access and SQL databases.

USPL can also provide customization at a very nominal cost to enable gathering of data from External databases customized screen templates, other-language support.



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Software Features

- **Flight Schedule Management:**
  - Admin can add/delete Airline, Flights etc.
  - User can update flight status, Belt, Gate
  - Weekly flight Schedule
  - Daily Expected Flight
  - Filter or search flights and airlines
- **Display System Management**
  - Display updated in real time
  - Scrolling massage editor
- **Customization**
  - The Solution is robust understanding the complexity and importance of display system . At the same time it is flexible and Customizable too.
- **Flight information control panel**
  - On-time, delayed ,cancelled and other flight status
  - Arrival information such as baggage belt
  - Departure information such as check-in desks, gate, etc.
  - Baggage, check-in, boarding information.
  - Arrival and Departure list
  - Priority List
- **Web Based solution**

  A web based solution Airport and Airline Authorities can access from any part of Air port premises simply by login with user ID and Password.

Key Benefits

- Improves passenger service with accurate flight information
- Displays multi-lingual flight information
- Provides flight information on airport website
- Makes easy system management by using the supervision functions & Playback option
- Remote Management of Player
- Encrypted & Secure Communication
- Time based Scheduling
- Grouping Support
- Windows, Android, Linux, Unix, supported

Airport operational information

- Departure Information
- Boarding Gate Display Information
- Baggage Claim Software Module
- Arrival Information
- Belt information
- Directions in Airports
- Check in Counter
- Weather Information
- News

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UNIQUE Real-time, Flight Information Displays for the Hospitality Industry

Why Unique FIDS

Boost
Customer Satisfaction

Travelers can conveniently access live flight information from your lobby or business center

Displayed like familiar airport screens, Unique allows guests to quickly confirm their flight status

Alert guests to flight delays & cancellations, saving them the discomfort of being stranded at the airport

Improve
Staff Productivity

Anticipate the need for increased staffing during weather events and adjust accordingly

Unique systems work along side your team to get Unique Board working quickly & smoothly.

Relax - Unique systems monitors & supports your unique board round the clock

Generate
Additional Revenue

Keep delayed travelers on your property longer, increasing business to your on-site services

Early notification of flight cancellations allows stranded passengers to extend their stay

Convenience keep guests coming back, differentiate your property & increase return bookings

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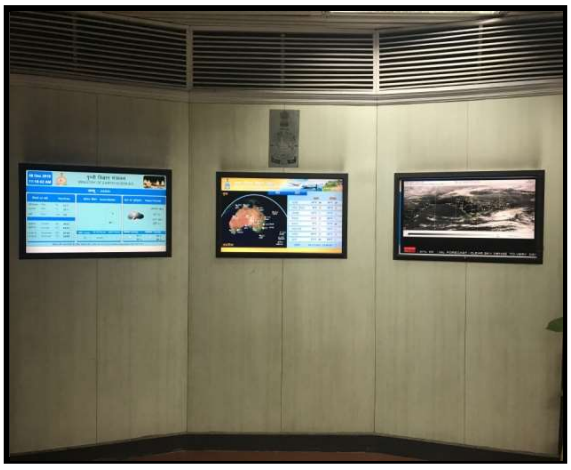
Display Options

INDOOR DISPLAY



OUTDOOR DISPLAY

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Technical Specification of LED Display Monitor

Model		UDM32H	UDM43H	UDM49H	UDM55H
DISPLAY	Picture	32”	43”	49”	55”
	Type	LED	LED	LED	LED
	Resolution	3840 x 2160 (UHD)4K			
	Brightness	350 nit	700 nit	700 nit	700 nit
	Contrast Ratio	4000:1	4000:1	4000:1	4000:1
	Response Time	8ms	8ms	8ms	6ms
	Viewing Angle	178:178			
	Operation Hour	24 x 7			
Connectivity	USB(2), Display Port 1.2 (2), Stereo mini Jack, RGB/DVI/HDMI(2)				
Power	Power Supply	AC 100 - 240 V~ (+/- 10 %), 50/60 Hz			
	Power Consumption	Max: 125W Typical: W/W: 55, US: 30, KOR: 57 Sleep: less than 0.5W	Max: 154W Typical: EU123, US 66, WW 123 Sleep: less than 0.5W	Max:165W Typical: EU98, US 47, WW 98 Sleep : : less than 0.5W	Max:187W Typical: EU115, US 55, WW 115 Sleep : : less than 0.5W
Dimension (mm)	Set	721.2x415.6x 29.9	964.0 X554.3 X30.5	1096.9X629.1X 30.5	1232.7X705.5X 30.5
Weight (kg)	Set	7.5	9.5	13.0	16.0
Operation	Operating Temperature	0℃~ 50℃			
	Humidity	0~90%			
Internal Controller (Embedded H/W)	Processor	1.3GHz Quad Core CPU			
	Graphics	Intel HD Graphics			
	RAM	2GB (Expandable up to 8GB)			
	Storage	8GB (Expandable up to 500GB)			
	External Controller	RS232C(in/out) thru Stereo Jack, RJ45			
	IO Ports	USB 2.0 (3), USB 3.0 (2), HDMI(1), VGA (1), RS232 (1)			
	Operating System	All Windows/Linux/Unix/Android			
	Wired Network	LAN 10/100/1000M			
	Wireless Wi-Fi	Built in 802.11a/b/g/n (Wi-Fi Module optional)/BT			
Software	Auto Source Switching & Recovery, RS232C/ RJ45 MDC, Plug and Play, PIP/PBP, Image Rotation, Button Lock, New Home Screen				
Certification	CE/FCC/RoHS/UL				

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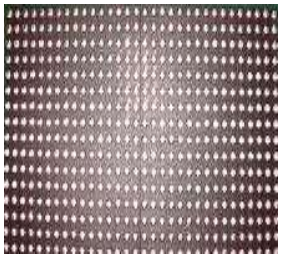
Technical Specification of Indoor LED Display Board

	UDL-P4-I	UDL-P6-I	UDL-P8-I	UDL-P10-I
Pixel Pitch	4mm	6mm	8mm	10mm
Pixel Config.	1R1G1B	1R1G1B	1R1G1B	1R1G1B
Density (pixel)	25000/Sq.M	16667/Sq.M	12500/Sq.M	10000/Sq.M
Refresh Rate (HZ.)	≥8000 Hz.	≥8000 Hz.	≥7000 Hz.	≥6000 Hz.
Viewing Ang.(H/V)	160°/160°			
IP Grade	IP 65 Front/ IP 54 Rear			
Brightness (NIT)	1000cd/m^2	1000cd/m^2	1200cd/m^2	1400cd/m^2
Contrast Ratio	4000:1	4000:1	4000:1	4000:1
LED life (MTBF)	100000 Hrs			
Color	281 Trillion			
Processing data	16 Bit			
Control Method	Synchronization			
Control	PC software			
Networking	LAN(RJ 45)/RS232/RS 485/WAN/Wi-Fi			
Power Consumption	350W/panel	300W/panel	250W/panel	200W/panel
Opr. Temperature	-10°C to 65°C			
Power supply/Hz	200-255 VAC/50Hz			
Opr. Humidity	0-95 %			

UDL-P4-I

UDL-P6-I

UDL-P8-I



UDL-P10-I

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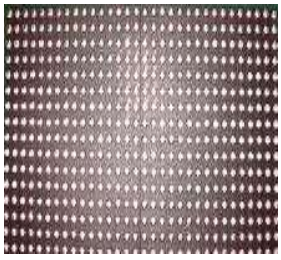
Technical Specification of Outdoor LED Display Board

	UDL-P8-O	UDL-P10-O	UDL-P14-O	UDL-P16-O
Pixel Pitch	8mm	10mm	14mm	16mm
Pixel Config.	1R1G1B	1R1G1B	1R1G1B	1R1G1B
Density (pixel)	15625/Sq.M	10000Sq.M	7142/Sq.M	6250/Sq.M
Refresh Rate (HZ.)	≥8000 Hz.	≥8000 Hz.	≥7000 Hz.	≥6000 Hz.
Viewing Ang.(H/V)	160°/160°			
IP Grade	IP 65 Front/ IP 54 Rear			
Brightness (NIT)	2000cd/m^2	2200 cd/m^2	2400cd/m^2	2500cd/m^2
Contrast Ratio	4000:1	4000:1	4000:1	4000:1
LED life (MTBF)	100000 Hrs			
Color	281 Trillion			
Processing data	16 Bit			
Control Method	Synchronization			
Control	PC software			
Networking	LAN(RJ 45)/RS232/RS 485/WAN/Wi-Fi			
Power Consumption	450W/panel	430W/panel	400W/panel	350W/panel
Opr. Temperature	-10°C to 65°C			
Power supply/Hz	200-255 VAC/50Hz			
Opr. Humidity	0-95 %			

UDL-P4-I

UDL-P6-I

UDL-P8-I



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