UShop Signage Player
(Interactive Digital Signage Solution)

Features

- Support UShop⁺ SignageCMS for web-based content management
- Multiple players for different scenario applications
- Support offline payback by USB
- Support multi-screen displays and content cross-screen
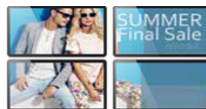- Provide Interactive APIs for application integration

Introduction

Advantech UShop Signage Player series is designed to support several kinds of digital signage application. The series includes 3 kinds of players: Lite, Standard and Professional version to support different number of signage display (from 1 to 6) and pre-installed with UShop⁺ SignageCMS Client software. It can be connected to UShop⁺ SignageCMS Server that is web-based content management system to deliver rich formats and high resolution multimedia to all UShop Signage Players in real-time or scheduling.
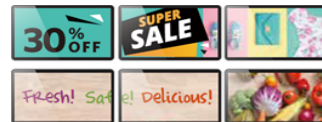
Selection of UShop Signage Player

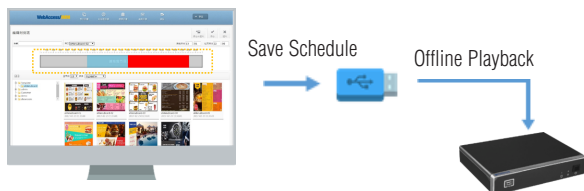**LITE** - Supports 1-2 Displays

Standard - Supports 1-4 Displays

Pro - Supports Up to 6 Displays

Key Functions

Support Offline Playback by USB

Users can edit program on UShop+ SignageCMS Server and save the schedule into USB to play the content by UShop Signage Player directly without network connection.

Save Schedule

Offline Playback

Provide Interactive API for Intergration

UShop⁺ SignageCMS Client provide RESTful API to get and control the program arranged from Server for interactive application integration, such as RFID, Beacon and customer facial recognition to display the audience relatived content.

API

UShop⁺ SignageCMS Client

Panel

Specifications

Hardware Platform		Lite	Standard	Pro
Processer	CPU	Intel Bay Trail J1900 2.4 GHz	Intel Bay Trail J1900 2.4 GHz	Intel Skylake i7-6700TE
Memory	Technology	1 x DDR3L 204-pin SO-DIMM	2 x DDR3L 204-pin SO-DIMM	2 x DDR4 260-pin SO-DIMM
	Capacity	4GB (Max. 8GB)	4GB (Max. 8GB)	8GB (Max. 32 GB)
Display	Graphic	CPU Embedded	NVIDIA GeForce GT730M	Intel HD graphics 530 + NVIDIA GeForce GT730M
	Resolution	VGA: up to 2560 x 1600 @ 60Hz HDMI: up to 1920 x 1080 @ 60Hz	VGA: up to 2048 x 1536 @ 60Hz HDMI: up to 3840 x 2160 @ 30Hz DP++: up to 3840 x 2160 @ 30Hz	HDMI: up to 4096 x 2160 @ 60Hz
	Output	1 x HDMI, 1 x VGA	2 x HDMI, 1 x DP++, 1 x VGA	6 x HDMI
I/O Interface	Serial Port	3 x COM (RS-232) 1 x LPT	2 x COM (RS-232) or 1 x COM (RS-232/RS-485/RS-422) + 1 x COM (RS-232)	1 x COM (RS-232) or 2 x COM (RS-232/RS-485/) with extension cable
	USB	5 x USB 2.0	3 x USB 2.0, 1 x USB 3.0	4 x USB 3.0, 2 x USB 2.0
	Audio	1 x Line-out, 1 x Mic-in	1 x SPDIF / Line-out, 1 x Mic-in	1 x SPDIF / Line-out, 1 x Mic-in
Storage	HDD model	500GB	500GB	500GB
	SSD model	64GB	64GB	64GB
Software Support	Microsoft Windows	Windows 7 Embedded	Wiindows 10 IoT	Windows 10 IoT
Power Requirement	Power Type	ATX mode	ATX/AT mode	ATX/AT mode
	Power Input Voltage	12V DC-in	19V DC-in	12 V DC-in

Software Functions

UShop⁺ SignageCMS Client	Content	Audio and Video Output	SD, HD, Full HD, 4K (*depend on device performance)
	Playback Engine	Displays Control	Portrait, Landscape display
		Multi-Screen Display	Unlimited
		Remote Software Update	Apply the new version update from server side
		Client status Report	Heartbeat, System and Performance information report
		Rich Media Format Support	Image: JPG, PNG, BMP, GIFVideo: MP4, AVI, WMV, MOV, MPG, MKV (*depends on Codec)Text: Text, Scrolling Text, Bulletin, TimeAudio: MP3, WMA, WAVFile: PPT*, PPS*, PDF, SWF (Flash)Text: Interfacing TXT, EXCEL, RSS (1.0)Others: Web URL, HTML, YouTube, RTSP*3rd-party plug-in are required for content playback

UShop⁺ SignageCMS Sever

Minimum Requirement

- OS: Windows 7 or above, Windows Server 2008 or above
- CPU: Intel Core i5 or above
- RAM: 8GB or above
- Hard Disk: 500GB or above (depend on media file size)
- Port: 80 (HTTP), 1883 (MQTT), 16992 (Intel AMT)
- IP Address: Static IP Address is required

*Apache HTTP Server and PostgreSQL are required for Server installation, please do not setup with different software system to avoid conflict.

Ordering Information

UShop Signage Player (UShop⁺ SignageCMS Client Installed)

Product Name	Part Number	Description
Lite	UBX-310UDS1-G1E-C	HDD model
	UBX-310UDS1-S1E-C	SSD model
Standard	DS-570UDS1-G1E-C	HDD model
	DS-570UDS1-S1E-C	SSD model
Pro	DS-980UDS1-G1E-C	HDD model
	DS-980UDS1-S1E-C	SSD model

UShop Signage Server

Product Name	Part Number	Description
Server License	968SPUDSS0	UShop⁺ SignageCMS Server
Server System	AiMC-342UDS-G1E-C	Intel Core i5/8GB RAM/1TB HDD UShop⁺ SignageCMS Server