

CENTURY SERIES NTB650/5/8

The Century NTBs are ideally suited to applications such as in hospitality, foyers or retail advertising



ONELAN's Net-Top-Boxes (NTBs) are a series of Digital Signage (DS) Media Player devices designed for different applications in Digital Signage Networks (DSN).

In stand-alone situations, the DS Player must be able to offer a user interface for media scheduling and media playing capability. In networked (DSN) applications a means to distribute media over a Wide Area Network (WAN) must also be provided. The NTB series provides all of these functions embedded within the media players themselves, as well as network security and software update mechanisms.

The Century Series has been designed to provide superior playback features including transparency, real time media rotation and video cropping at an affordable price.

Century Series key features include:

- ◆ Multi-media player. Video, Animations, Stills, Text and Audio
- ◆ Intel® Atom™ Dual-Core processor, accepting more media formats (inc. MPEG4, AVI & QT)
- ◆ Drag & drop design capability
- ◆ Zone transparency
- ◆ Multilingual GUI
- ◆ USB HID Touch support option
- ◆ NTB655/658 – Integrated TV Capture option
- ◆ TV/Video streaming option
- ◆ Wifi option



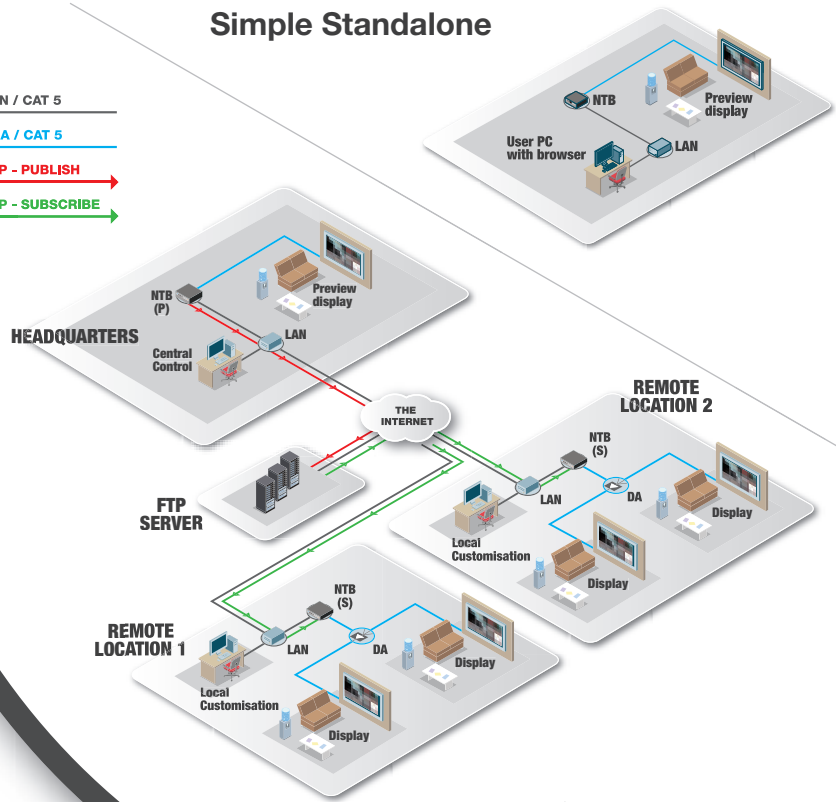
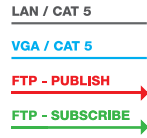
NTB650
No TV Capture



NTB655/658:
Inc. TV Capture



Any unit in the series combines with any other ONELAN NTB from the range to provide a cost effective solution for small to large networks.



Medium Scale Digital Signage Network

Century Series – NTB650/5/8 Specifications

Enclosure	<ul style="list-style-type: none"> • 280 x 77 x 268mm • 2u Rack Mount - optional • Wall Mount - optional
Processor	Intel® Atom™ - Dual-Core
Storage	<ul style="list-style-type: none"> • System RAM – 2Gb • System Media Storage – 250GBytes
Power	180W Internal PSU with PFC, 30W consumption
Network interfaces	<ul style="list-style-type: none"> • Ethernet: 1000/100/10BaseT • 3G: via external USB dongle • Wi-fi: via internal PCI card, 802.11 a,b,g,n (2.4Ghz + 5.0 Ghz)
Video Output	<ul style="list-style-type: none"> • VGA to 1920 x 1080 max via 15 'D' (1360 x 768 recommended) • 4x3, 5x4, 16x9 modes • Landscape or portrait (rotation)
Audio In/Out	3.5mm socket – Stereo Analogue, Line Levels
IR remote	USB interfaced remote control to select streamed or stored media (optional)
RS232	via 9 way 'D' plug
TV Capture*	<ul style="list-style-type: none"> • NTB655 - DVB-T - via Belling Lee connector • NTB658 - ATSC via 'F' series connector. Terrestrial and cable (Clear QAM) • Composite/S-Video (+ stereo audio) via RCA/4 Pin DIN
Display Layout Management	<ul style="list-style-type: none"> • Any number of Layouts scheduled for time-of-week • Any number of Zones (2 video) with independent Playlists • Playlist Management by explicit media reference • Playlist Management by folder membership • Automatic inter-zone synchronization (captioning) • Extensive local and remote media management (option)
Network Monitoring	Digital Signage Manager (DSM) web appliance (optional)

NTB Unit Management	<ul style="list-style-type: none"> • Multi-language Support: English, German, French, Italian, Spanish, Arabic, Japanese, Chinese, Russian, USA English, Portuguese & Thai • Single Units via a Web Browser • Multiple Units (Channels) of NTBs can be 'Subscribed' from a 'Publisher' NTB
Media Sources	<ul style="list-style-type: none"> • Hard Disc: All media types • Ethernet: MPEG/UDP/IP stream (option) • Internet: HTML (Web pages) and RSS Feeds with multilingual support, XML files • Video In: RCA composite/DIN SVideo (option) • TV aerial: DVBT or ATSC (options)
Media	<ul style="list-style-type: none"> • Video: MPEG1-4 V.3, QT, WMV(9), H.264, Video Cropping • Animation: Flash (SWF) 11, HTML (with Javascript), HTML Cropping and Zoom, HTML as per WebKit 531.2+ • Stills: JPEG, TIFF, GIF, PNG, BMP • Audio: MPEG1-4, WMA Loss-Less, WMA V1-3, AC3, MP3, WAV • Text: Multiple fonts, speeds, colours and directions, RSS News-feeds • Clocks: Digital, with multilingual date/time
<p>ONELAN reserves the right to alter specification and functionality. * All Digital TV inputs free to air only.</p>	

Unit configurations

Model type	TV Tuner	Unit Role
NTB650P	No TV Tuner	Publisher/Standalone/Player
NTB655P	DVB-T, PAL-M, Composite, S-video	Publisher/Standalone/Player
NTB658P	ATSC, Clear QAM, NTSC	Publisher/Standalone/Player
NTB650S	No TV Tuner	Subscriber Player only
NTB655S	DVB-T, PAL-M, Composite, S-video	Subscriber Player only
NTB658S	ATSC, Clear QAM, NTSC	Subscriber Player only

