

ADVANTECH

Enabling an Intelligent Planet

Smart Timetable: Eco-Friendly School Solutions with ePaper

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Green Campus Innovation: Advantech ePaper Solutions

- Eye friendly
- Vivid colored ePaper
- Easy deployment



Smart School Timetable and Bulletin Featuring ePaper Display

Advantech's ePaper is one of the standout devices implemented at National Taipei University. It displays real-time course schedules and barcodes for student absence checks, eliminating the need for frequent timetable revisions and paper-based nominations. This saves significant time and resources. Reduced paper consumption decreases the carbon footprint, enabling schools to contribute to environmental protection.

Through the backend system's analysis, schools can immediately adjust course designs, arrangements, and classroom management to meet real-time requirements. The wireless ePaper also serves as a bulletin for sharing important information, activities, or temporary notes, replacing the traditional method of posting posters or paper notices to disseminate information.

Green Campus Creates Endless Benefits

The smart campus aims to create an educational environment that offers teachers and students innovative experiences, allowing students to engage with advanced technology before graduation. The ePaper-enabled smart timetable not only provides numerous benefits but also promotes sustainability and supports green initiatives.

By connecting to digital devices and apps, a smart campus enhances security, streamlines routine operations, and facilitates the collection of course data to inform future decisions on course design. With features such as no backlight, ultra-low power consumption, eye-friendly design, wireless transmission, and real-time management, ePaper enables schools to efficiently deliver updates, course schedules, and bulletin content across the campus.

Why Choose the EPD-662-W?

1. Minimizes paper and resource waste, saving time on copying, revising, and maintaining course timetables each semester.
2. Reduces paper consumption and carbon footprint, aligning with ESG goals.
3. Enables digital attendance tracking, saving time and facilitating data collection.
4. Allows for backend data analysis to support course design and adjustments.
5. Features a no-backlight, blue-light-free display to protect students' eyes.
6. Provides a comprehensive device management system with Wi-Fi connectivity for easy deployment in schools.

Related Product



Advantech EPD-662-W

12th/13th/14th Gen Intel® Core™ Processor LGA1700

- 12/13/14th Gen Intel® Core™ Desktop Processors (LGA1700), Up to 24Core. Support H610E chipset
- Dual channel DDR5 5600MHz, max. 96GB with two SODIMMs
- Rich expansion: M.2 B key for SSD Storage, M.2 E key for wireless, 2 SATA
- 12-24V DCin Power Input via DC Jack or ATX 4pin+5VSB pin header
- Windows 10/11 LTSC & Ubuntu 22.04 LTS; SUSI API and WISE-DeviceOn
- Triple independent 4K displays with 1 DP1.4, 1 HDMI, and 1 LVDS