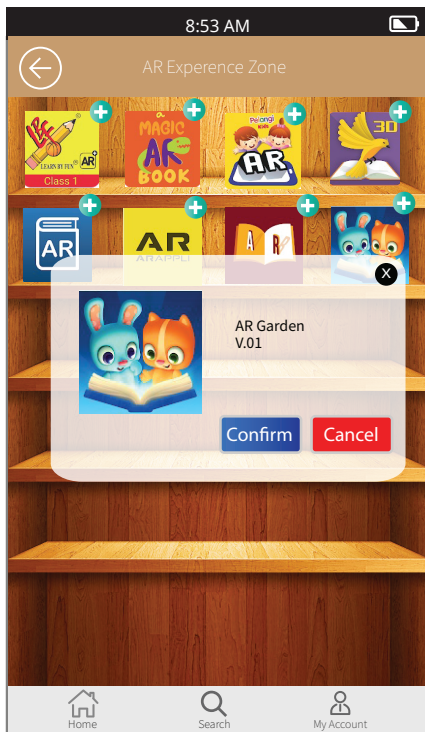


AR Experience Zone



HKC_NB801



LIBRA 4.0 AR APP UI (for reference)

1. Hardware Specifications

HKC_NB801 (AR Experience Zone Tablet)

1. Dimension: 230mm(H) x 142mm(W) x 18mm(D)±2 mm
2. Weight: 600g (including battery & wrist strap)
3. Display: 8.0 in. TFT-LCD(1280x800) touch screen with backlight
Lens: Rear 13 megapixel, front 5.0 megapixel (Auto-focus with LED flash)
4. Battery : Rechargeable li-ion polymer, 3.8V, 8000mAh
5. CPU: Cortex A53 1.5GHz octa-core
6. Operating System: Android 7.0
7. Storage: 2GB RAM /16GB ROM or 3GB RAM/32GB ROM, MicroSD(max 128GB expansion)
8. Operating Temp : -20°C to 50°C
9. Storage Temp : -20°C to 70°C
10. Humidity: 5%RH to 95%RH(non-condensing)
11. IP67, IEC compliance
12. Android OS 7.0

AR Experience zone

1. All tablets in AR zone is preinstalled with LIBRA 4.0 AR APP (Collection of all AR apps in one platform)
2. Patrons choose the AR books from bookshelf
3. RFID readers are installed at the bottom of reading tables to instantly track and scans the books' information
4. The corresponding message prompt in the tablet APP indicates which AR app shall be chosen
5. AR reading experience



FUTURE OF AUGMENTED REALITY

Benefits of AR reading for the students and the public

Incorporating immersive technologies like augmented reality (AR) into education has been shown to improve learning efficiency and is more effective at teaching students than compared to other media such as books, videos, or desktop computer experiences. From history and math to chemistry to biology, with some creativity AR can be incorporated into practically any subject.

Benefits include:

- Increased content understanding
- Learning spatial structure and function
- Learning language associations
- Long-term memory retention
- Improved physical task performance
- Improved collaboration
- Increased student motivation

Augmented Reality for all

AR has a number of practical applications for organisations across different industry sectors. Some examples of industry specific applications include:

Publishing

- Deliver more value to advertisers by offering measurable AR print ads with direct links to purchase

Tourism/Heritage

- Augmented exhibition content for premium library / museum / gallery visitors
- Virtual tour guides for specific city tours (i.e. cultural, food & drink, historical)