

AP / BASE STATION



2.4Ghz Wifi



POS integration

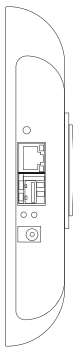
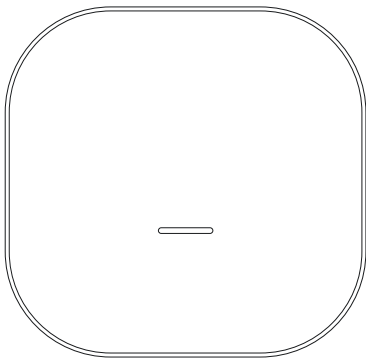
Our AP base station provides coverage of up to 300 square metres, with a maximum communication radius of approximately 30 metres, depending on the installation environment and surrounding obstacles. Communication between the ESL shelf labels and the AP base station is achieved using 2.4 GHz wireless technology, enabling reliable and efficient transmission of product and pricing information. The system can update the prices of up to 20,000 ESLs within 20 minutes, significantly improving pricing efficiency and reducing the time and labour required for manual price changes. In addition, retailers can conveniently monitor and remotely manage product and pricing information using a PDA monitor or mobile application. The system is also compatible with other IoT solutions, making it easy to establish integration between the retailer's Point-of-Sale (POS) system and the ESL platform. This enables automated and synchronised pricing, helping retailers improve operational efficiency, pricing accuracy, SKU management and the overall customer experience.

AP / BASE STATION



TECHNICAL DETAILS

Product Code	EA-62B
Dimensions(mm)	190x190x40
Communication Technology	2.4GHz Private Protocol
Batch Processing Mode	Yes
Batch Refresh Rate	0.3 sec/e Tag
Transmission Range	Radius 30 m
Maximun Connection	No limitation
Power Supply	POE/DC Supply
Transmitter	Built-In
Backend Configuration	Yes
ESL Communication	Support Multi Route Communication
Network Connection	Cable/WiFi
Housing Color	White



APEX ORIENT TECHNOLOGIES

Smart Retail Solutions | ESL • LCD Shelf Displays • People Counting
Hong Kong | letstalk@apexorient.com | www.apexorient.com

© 2026 Apex Orient Technologies. All rights reserved. Specifications are subject to change without prior notice.