

Water Meters @ Shamian Island - Guangzhou China - 17/9/2026

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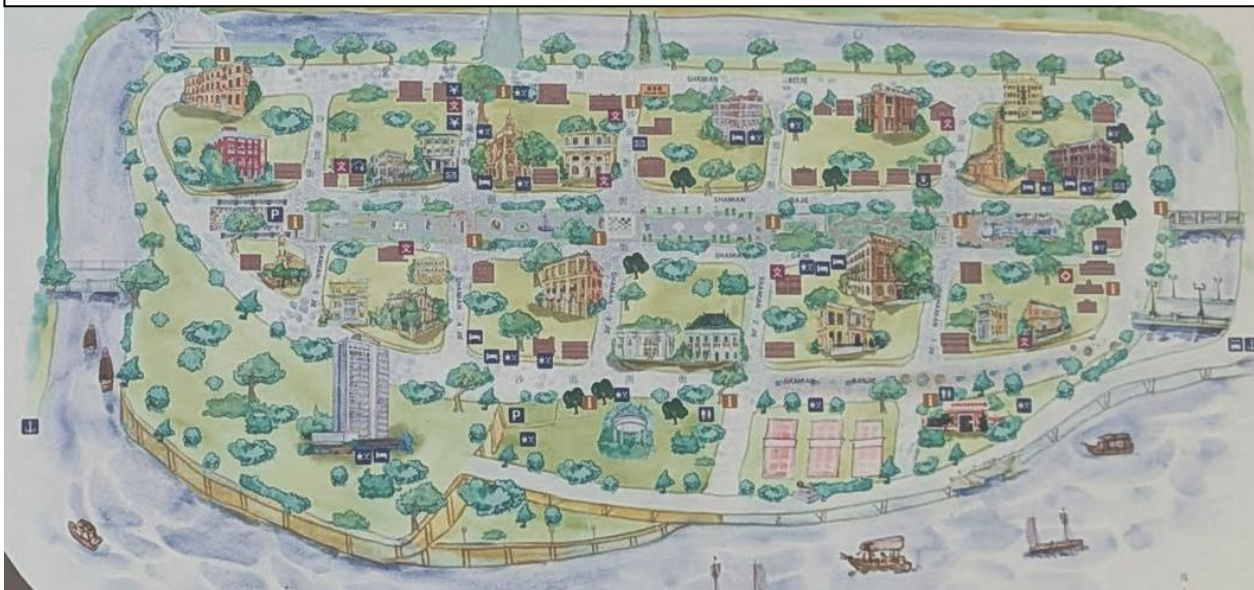
Shamian Island (沙面岛) is a small sandbank island in Guangzhou, China, located in the Liwan District along the Pearl River. Its name, Shamian, means "sandy surface" in Chinese, reflecting its origins as a river sandbank.

Following the Second Opium War (1856-1860), the island was ceded to foreign powers in 1859 and divided into British and French concessions. During the late 19th and early 20th centuries, the British and French developed the island with wide boulevards, churches, consulates, banks, residences, and trading houses. This period gave Shamian its distinctive blend of European architectural styles, including Neo-Baroque, Neoclassical, Gothic Revival, and Arcade-style buildings.

As one of Guangzhou's principal foreign trading and diplomatic districts, Shamian played an important role in China's interaction with the West. Many significant commercial, cultural, and diplomatic activities were centered there.

After the founding of the People's Republic of China in 1949, the foreign concessions ended, and the island gradually became integrated into Guangzhou. Today, Shamian Island is renowned for its well-preserved colonial-era architecture, tree-lined streets, historic churches, and tranquil atmosphere. More than 150 historic buildings remain, many protected as national and municipal heritage sites.

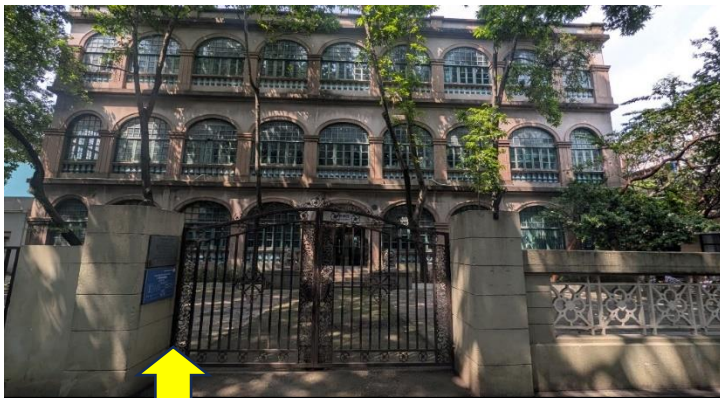
Today, Shamian is one of Guangzhou's popular cultural and tourist destinations. During a visit to the island, Alex and Erica from the HWMM observed a variety of Chinese-manufactured water meters installed throughout the precinct. This raises an interesting question: before the development and widespread adoption of China's domestic water meter industry, were European-made meters originally used to measure water consumption at Shamian's residences, consulates, hotels, and commercial buildings during the British and French concession era? Given the strong European influence on the island's architecture and infrastructure, it is certainly a possibility



Pictures taken by A.Manu

Below: Walking the Main Boulevard





Built in the latter half of the 19th century, the French Mission House at Nos. 36-38 Shamian Street is a representative residential building on Shamian Island.



Installed outside old Villa now Starbucks is Model: **Hzfengda SCL-61D5 100mm Ultrasonic Water Meter**. Flow specs: Q3 = 100 m³/h IP68 rating, LCD electronic display with QR code and serial number with External communications module mounted beside the meter



Installed is a unknown Chinese made **40mm Ultrasonic Water Meter** with a flow max of 16m³/h, battery powered LCD electronic display with a QR code and barcode. Manufacturing approval CPA 2020F.



At No.48 Shamian Street is the Shewan Tomes & Co British heritage building, early 20th century.



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Installed are **Chongqing Rongguan Technology Co., Ltd. 20mm Multijet Networked Smart Water Meters**. IES-MFA03-DN15, Accuracy Class 2, upgraded with NB-IoT in Sept/2022. 2°C – 40°C. The communication module is marked: **NB-IoT WULIANSHUIBIAO**. Pictured: There are 3 meters installed with 2 fitted with smarts and 1 still in conventional form.



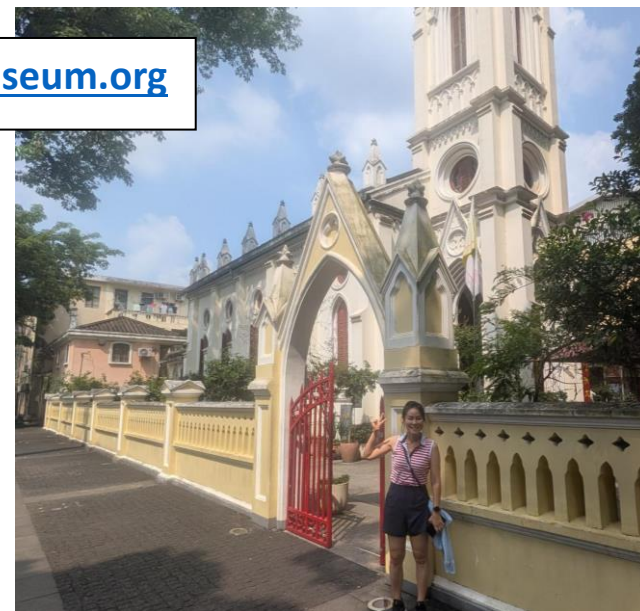


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The Taiwan Bank Guangzhou Sub-branch was built in 1907, the 33rd year of the Guangxu Emperor of the Qing Dynasty, and is located at No. 26 Shamian Street. The ground level is topped by six Doric columns extending to the eaves. This Renaissance Revival style, an example of Neoclassical architecture.

Installed is a **25mm Ultrasonic LCD type water meter, made by Ningbo Water Meter Co.**

There is a QR code and electronic display, indicating it is designed for automated meter reading (AMR/AMI) or remote data collection.



The Church of Our Lady of Lourdes was built in 1890 during the 16th year of the Guangxu Emperor's reign in the Qing Dynasty. Located at No. 14 Shamian Street, it is one of the most important religious buildings on Shamian Island.



Installed inside the Church grounds is a **Ningbo Meter (Group) Co., Ltd. 15mm Multijet Water Meter.** With AMR IoT communication module.