

SIHAI CHINATOWN

XI'AN, SHAANXI, CHINA

RETAIL

OVERVIEW

The Sihai Chinatown complex is a large tourism and cultural center in Xi'an, China, that integrates open commercial streets, a centralized shopping mall, boutique hotels, office buildings, a metro station, and apartment buildings. The complex comprises nine buildings, five Chinese arches, and three sunken squares in a four-section design that fuses concepts of global modern architecture with Chinese tradition.

PROJECT DETAILS

Authorized Dealer Xi'an SENGE Electric Co., Ltd installed a Reliable Controls system in the new Sihai Chinatown center.

Strategically distributed MACH-ProSys and MACH-ProCom controllers with MACH-ProPoint expansion modules are connected via BACnet/IP and host MS/TP networks for MACH-ProLight and MACH-ProZone devices that control the center's lighting and mechanical equipment.

Facility managers use RC-Archive and RC-Reporter to monitor energy consumption and improve operational efficiency. RC-Studio provides operators with a flexible, easy-to-use engineering tool that integrates Reliable Controls and third-party devices into one graphical user interface. This suite of Reliable Controls software is ideal for the complexities of a large project like Sihai Chinatown.

Reliable Controls and Xi'an SENGE Electric Co., Ltd are proud to have commissioned the building automation system in this advanced business complex.



PROJECT TYPE

New construction

TOTAL AREA

190,000 m² (2,045,142 ft²)

INSTALLATION TYPE

HVAC, lighting, power

EQUIPMENT INSTALLED

35 MACH-ProCom™ controllers
20 MACH-ProLight™ 48R controllers
15 MACH-ProPoint™ Input expansion modules
51 MACH-ProPoint Input/Output expansion modules
3 MACH-ProSys™ controllers
18 MACH-ProZone™ 44 controllers
58 MACH-ProZone 84 controllers
19 MACH-ProZone 88 controllers
RC-Archive® software
RC-Reporter® software
RC-Studio® software

NETWORK

EIA-485, Ethernet

PROTOCOL

BACnet, Modbus

BACNET

YORK chillers, McQuay air-cooled heat pumps

POINTS

2,300

RELIABLE CONTROLS AUTHORIZED DEALER

Xi'an SENGE Electric Co., Ltd

To learn more about projects using Reliable Controls, visit
reliablecontrols.com/projects/overview

