

### Casamia Hoi An, Viet Nam



#### Project Details:

##### LOCATION

Hoi An City, Viet Nam

##### DISTRIBUTOR

GREENLIGHT COMPANY LIMITED

##### RAIN BIRD PRODUCTS USED

- IQ-Cloud Central Control
- ESP-LXIVM 2-Wire Controllers
- 1800® Series Spray Heads
- HE-VAN High Efficiency Variable Arc Nozzles
- 5000 Series Rotors
- PGA Series Valves
- XFS Subsurface Dripline

#### PROJECT OVERVIEW:

Casamia Hoi An is a resort development in Hoi An City, Viet Nam. The development spans over 150,000 square meters and features luxury villas, casinos, marinas, a large outdoor space, swimming pools, restaurants, and gyms. The property's irrigation system uses IQ-Cloud Central Control and the ESP-LXIVM 2-Wire Controller with SmartValve™ Technology.

#### CHALLENGE:

This was the first resort-type project for the property owner. Before this project, the owners were unfamiliar with how central control worked and the benefits it could provide. GREENLIGHT worked closely with the owner to demonstrate the time and water savings that could be achieved with IQ-Cloud.

#### RESULTS:

IQ-Cloud enables remote access to the controllers installed in the field from a central computer and internet-connected mobile devices. For a property this size, the ability to turn the system on or off from anywhere saves time and money. The maintenance crews are also able to respond to problems quicker using real-time alerts and system notifications.

ESP-LXIVM 2-Wire Controllers are connected to IQ-Cloud using either cellular, radio or Ethernet connection. The ESP-LXIVM uses an Integrated Valve Module (IVM) – or smart solenoid – which is installed on the valve. The IVM stays in constant communication with the controller enabling advanced diagnostics to reduce troubleshooting time. The IVM eliminates the need for decoders which are typically used in 2-wire projects. This reduced the number of wire splices, saving the property owner money on installation labor and reducing the risk of future ground faults.