

Case Study

AgileCub Prefab Data Center for AI Video Analysis of Kunming Smart City



Project Background

In a very short period of 60 days, the Kunming Smart City project needed to go live. The project included high-density video surveillance and analytical computing, requiring carefully designed, high-grade data centers to secure and support this core business. The project deployment space was extremely tight and had to be matched to the right solution for the site.



Project High-lights

Perfect service area for AI video analysis servers with 3 meters wide container

Reliable protection with modular UPS system N+1 hot swappable modules

Excellent PUE performance InRow cooling and hot aisle Containment

Easy remote monitoring and management with all in one local DCIM system

One-stop project delivery within 45 days including design, fabrication, installation and commissioning

20 years working life with stainless steel for floor and wall



Aglicub Product Details

- 2 sets 40F / 3M wide tailored container data centers
- 150kVA modular UPS N+1 Redundancy in each DC
- Inrow cooling 4x 30kW N+1 Redundancy in each DC
- Hot aisle containment system with auto drop top panel
- Automatic fire fighting system with FM200 fire agent

- IP55 dust and water proof protection level
- 3 in 1 access control system with remote management
- 16 sets IT rack 0.6m(W) x 1.2m(D) x 42U(H) in each
- All in one DCIM system with remote access portal
- Power protection and distribution system