



Premier International Connectivity Gateway

Highlights of MEGA-i



With a Tier 3+ data center standard, MEGA-i is one of the largest Internet Service Center buildings in the world offering flexible colocation options ranging from open farm, private suite to customized areas since 2000. The data center is now serving customers from small-to-medium enterprises, large enterprises to multinational corporations as well as global telecommunication carriers, web and I.T. service providers.

The purpose-built 30-storey data center building is equipped with state-of-the-art infrastructure and a genuine resilient global network, which can be tailor-made for customers' different power and deployment specifications.

Being a genuine carrier neutral data center solution provider, we are now operating as a Global Telecom Hub in Hong Kong with 150+ Global and China carriers connecting 10 submarine cable systems from all over the world. This gives our customers freedom of choice to select their preferred network service provider.

Other Key Advantages:

- Owner of the property with direct control of the building management
- Designed to house over 4,000 racks with total gross floor space over 350,000 square feet
- Stringent security measures with 24 hours surveillance and access control
- High flexibility in infrastructure and facilities provision
- International telecommunication gateway in Hong Kong

About Us

SUNeVision (SEHK: 1686) is one of the largest data center service providers in Hong Kong. Through the brand "iAdvantage", we adopt the industry's best practices to offering the world-class data center, IP network and managed services, bring an unrivalled edge for local and international corporations.

SUNeVision owns, builds and designs ourselves the intelligent data center business by leveraging the resources and financial assets of our major shareholder, Sun Hung Kai Properties Limited (SEHK: 0016).

Flexible, secure and scalable data center solutions, providing optimal cost benefits and reliable operational support, make us an expert in the industry and the highly regarded long-term partner of local and global business, including Fortune 1000 and Global 100 multinational corporations. Today, SUNeVision manages over 770,000 square feet of gross data center space, strategically located in prime commercial and industrial areas. We are undergoing an expansion plan that will contribute an additional 730,000 square feet of gross data center space in 2017.



Location

399 Chai Wan Road
Chaiwan, Hong Kong

25 minutes' drive from Central

50 minutes' drive from HK International Airport

48 minutes' drive from Lo Wu Cross-Border



MEGA-i Specifications

FACILITY	
Building	Purpose-built data center
Data center area (GFA)	About 350,000 sq. ft.
Floor height	4.1 m (3.5 m under beam)
Floor loading	5-7.5 kPa
Capacity	> 4,000 racks in common areas / private cage
Rack size	42U, 45U, 48U racks

POWER	
UPS	2N UPS configuration with 15 mins. battery backup
Power connection	Dual power feeds / UPS sources to rack
Voltage	220 V / single-phase, 50 Hz
Power provision	Standard power zone: average 1.5 kVA per rack High power zone: 3 kVA per rack
Generator sets	2N design
Backup diesel	Multiple fuel tanks capacity 48,000 liters
Power auto switch	Dual static-transfer-switch per zone

COOLING	
CRAC	N+1 CRAC design Down flow systems with hot and cold aisles design
Chillers plant	Dual distribution paths through dual feed independent chiller risers
Temperature	22 +/- 2 degree Celsius
Humidity	50 +/- 10%

FIRE AND WATER LEAKAGE DETECTION	
Fire suppression	Gas based FM-200 / Inergen fire suppression system / Double interlock pre-action sprinkler
Water leakage detection	Distance type water detection system

SECURITY	
Surveillance monitoring	24 hours surveillance CCTV with digital recording
Building security	24 hours entrance security guards to control access
Access control	Access control system

CONNECTIVITY	
Networks	Dual feed building lead in for telecom cable access 2 x Telecommunications Broadcasting Equipment rooms Exchange hub for telecom carrier interconnection
Data cable access	Cat 5E, Cat 6, SM/MM fiber, DS3, E1, Coaxial

*The above specifications are subject to change. Custom-built specifications can be provided on request.



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