



State-of-the-art Greenfield Data Centre

Highlights of MEGA Plus



To foster Hong Kong as the prime location for data centres in Asia Pacific, the Government has set aside the 1st piece of land in Tseung Kwan O for high-tier data centres. iAdvantage has successfully bidded a one-hectare site in 2013 to build its greenfield data centre of 470,000 square feet gross data centre space. MEGA Plus is the best choice for companies that are planning for long term investment with highest degree of stability and flexibility in running their business operation without any subletting or space licensing constraints. This greenfield site is away from the sea-front. It is not on flood zone with no hazardous goods in the vicinity.

MEGA Plus characterizes low-latency and high-availability best for multinational enterprises, cloud and IT service providers, telecommunications carriers and financial institutions. We strive for the best performance and a holistic data centre solution that our customers may enjoy the integrated world-class services provided by a team of industry experts. The purpose-built data centre is located in Kowloon East, another premier central business district of Hong Kong.

Other Key Advantages:

- Fully configurable infrastructure equipped with world-class facilities
- Highly reliable and secure site location with ample power and space to cope with your business expansion
- No hazardous and inflammable production plants nearby
- Submarine cable landing station located nearby, fully diversified telecom network
- All expertise from property development, data centre modification to facilities management in one single cohesive team

About Us

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

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

Flexible, secure and scalable data centre 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 close to 1.5 million square feet of gross data centre space, strategically located in prime commercial and industrial areas.



Location

299 Wan Po Road
Tseung Kwan O, Kowloon



■ Greenfield site

18 minutes' walk from LOHAS Park MTR station

27 minutes' drive from Central

44 minutes' drive from HK International Airport



MEGA Plus Specifications



FACILITY

Building	Purpose-built data centre
Data centre area (GFA)	About 470,000 sq. ft.
Floor height	5 m (4.6 m clear head room)
Floor loading	12 kPa
Rack size	42U, 45U, 48U, 52U racks



POWER

UPS	N+1 / 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 3 kVA per rack High power zone: up to 9 kVA per rack
Generator sets	N+1
Backup diesel	Multiple underground fuel tanks capacity 120,000 liters



COOLING

CRAC	N+1 CRAC design Front / 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 / Novec 1230 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	Sophisticated access control systems / trap doors



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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