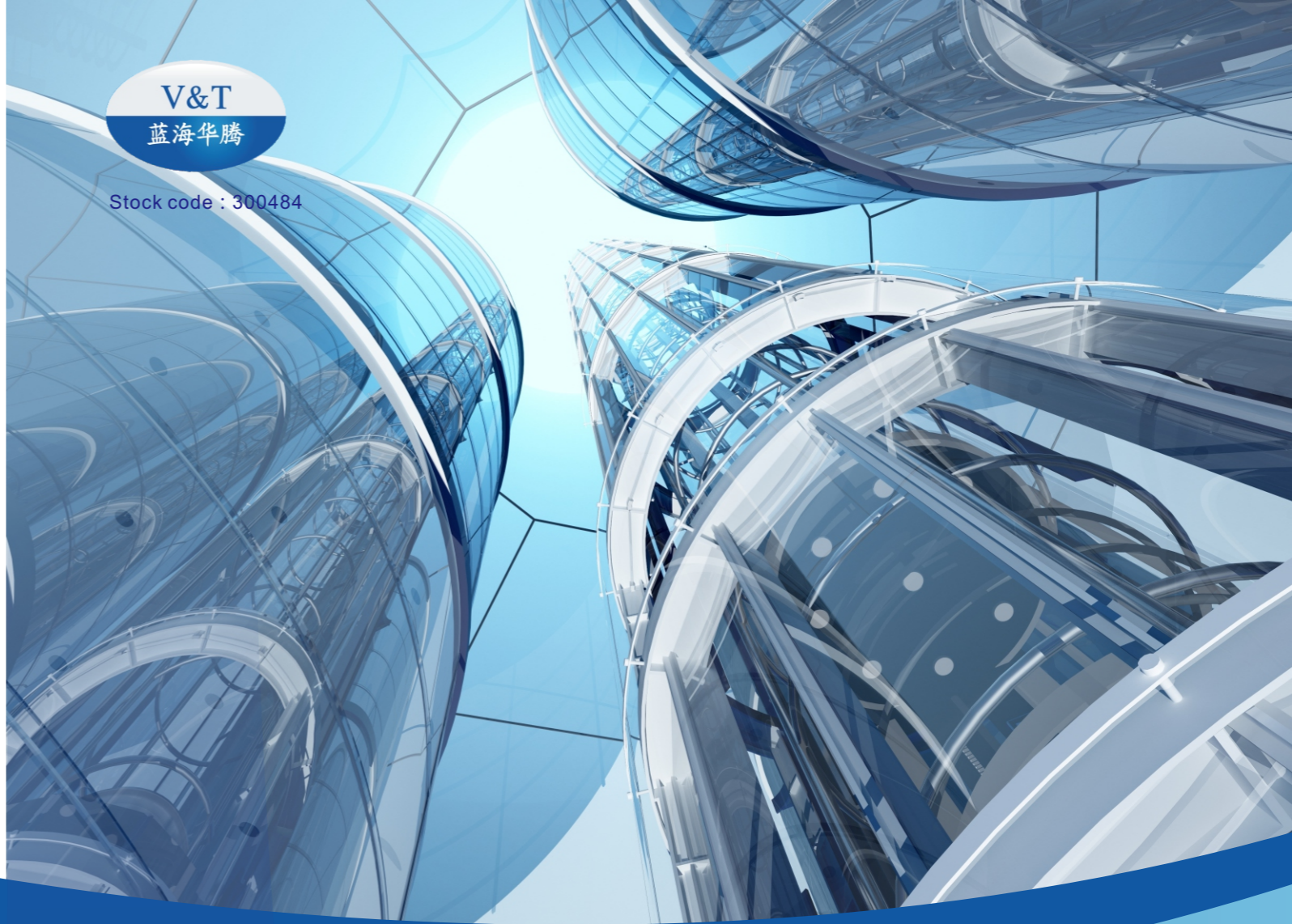




Stock code : 300484

**Honesty, Responsibility
Innovation, Refinement**



Electronic Control System of Intelligent High Performance Elevator

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CHINA SHENZHEN

V&T·The intelligent drive makes the elevator run safer!



• Solve elevator technical problems



• Progress never ends



• Building win-win cooperation

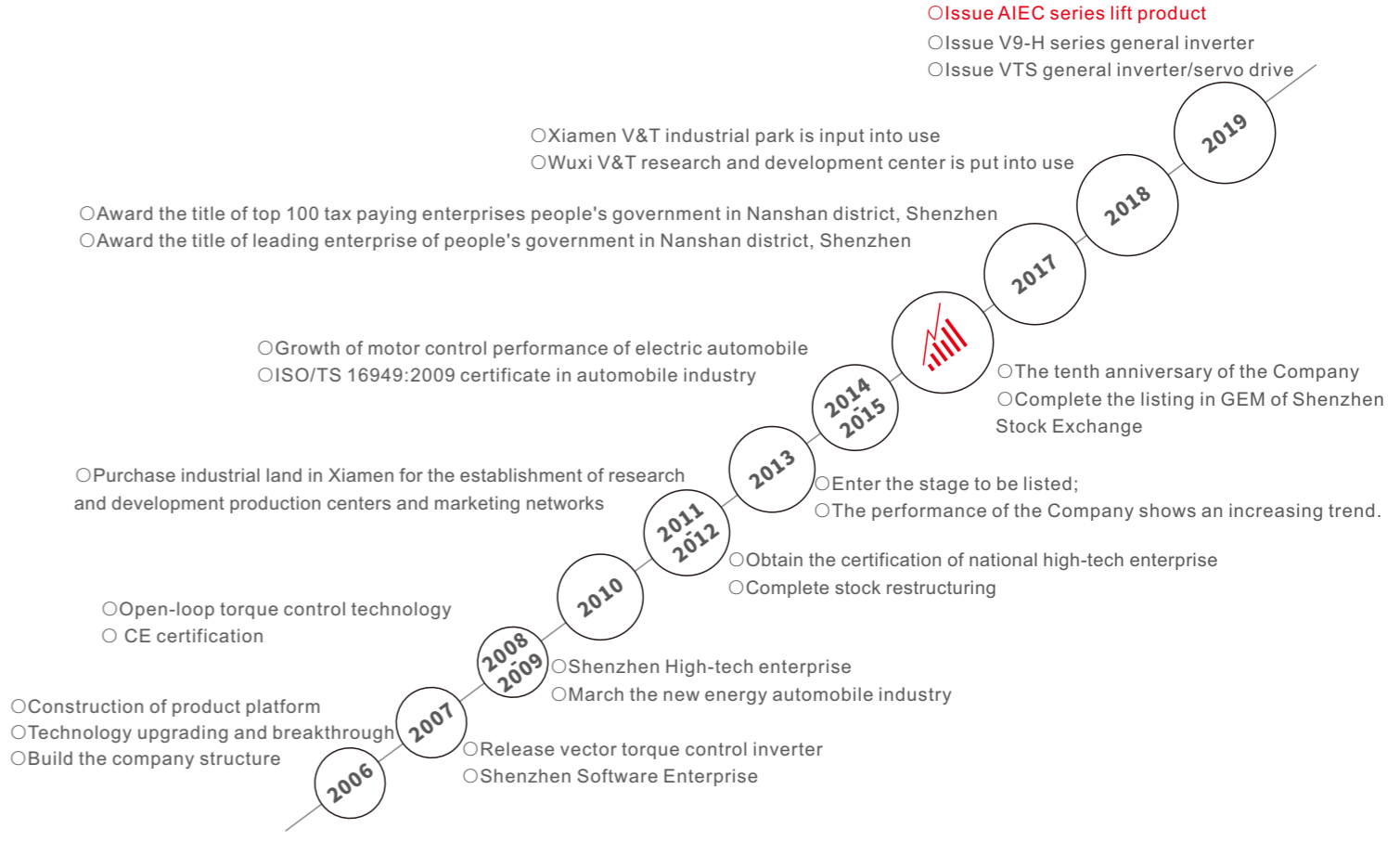
Company Profile

Shenzhen V&T Technologies Co., Ltd. is a national high-tech enterprise with completely independent intellectual property rights. The Company was successfully listed in GEM (growth enterprise market) in 2016 and the stock code is 300484. The company adheres to the corporate culture of "exploitation, innovation, honesty, pragmatism" and the business philosophy of "creating value for customers, employees, enterprises and society". It contributes to the development of China's industrial equipment manufacturing industry and new energy industry. In recent years, we have devoted ourselves to the independent research and development, production and promotion of elevator integrated control system. We have summed up our technical experience for many years and introduced the lean production system of automobiles. The highest level of safety, reliability and stability is our principle. Intelligent vector control technology and rigorous elevator logic control technology are adopted, and the combination of elevator control and drive is realized. To create a new generation of elevator integrated controller with safety, reliability, simple debugging, compact structure and high cost performance.

Qualification and part of the patent certificate



Company History



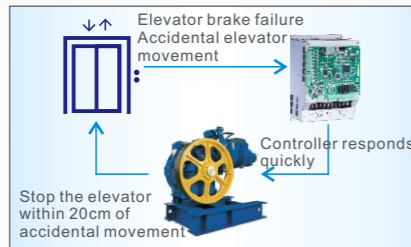
Innovative product design makes elevators safer

Meet the new national standard and new inspection design



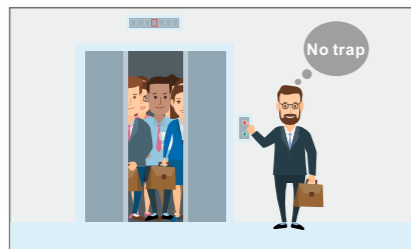
- Meet the requirements of the new national standard for Unintended car movement protection system (UCMP), lock short circuit and lock bypass.elevator safety are improved
- Can meet the standards of China (including Hong Kong, Macao and Taiwan), Southeast Asia, Russia, the Middle East, etc., and enhance the elevator market competitiveness

Protective umbrella of elevator safety



- STO electronic seal star,eliminate car sliding
- Excellent software processing method, control motor never stalls

Intelligent rescue plan



- Unique pre-opening detection function to improve elevator operation safety
- When the elevator is faulty, under the premise of ensuring the safety of passengers and elevators, the rescue mode is selected automatically according to the fault level.
- In the rescue, broadcast the rescue situation in real time, comfort the passengers, pacify the danger and improve the comfort level

Innovative communication technology



- Enhanced CAN communication technology is adopted on the main board and the car top board to improve anti-interference performance without shielding wires
- Strong protection circuit design, any reverse insertion will not result in burning, and other sites will not be affected
- Innovative fast hall call communication, the latest signal acquisition of any site is completed within 60ms

Lean production system



- Introducing the lean production system of the automotive industry
- Has passed ISO/TS16949:2009 certification
- Complete production system for high flexibility production and fast delivery

Optimized function design to make the elevator running more comfortable

Reliable product quality



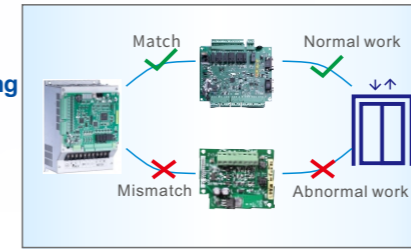
- The core components are imported brand products
- A new generation of IGBT modules is used with low switching losses, low heat generation and high reliability
- The design of the IGBT module's amplification margin improves the load capacity and service life of the elevator
- The board is coated with a protective design to meet the elevator's application in humid environments
- Meet safety and EMC requirements, CE certification and special equipment type test certification are obtained

Friendly debugging interface



- Standard configured with digital operation panel, Chinese LCD operator are optional
- Support mobile phone APP debugging
- Support remote upgrade and debugging
- Cloud backup can be performed, copy of elevator parameters of the same type
- The combination of fault code and fault subcode makes fault positioning more accurate. Debugging and maintenance efficiency are improved

Automatic matching technology of all-in-one machine and accessories



- Hardware design and communication protocol to prevent potential safety hazards caused by misuse of accessories and parameter settings
- It is helpful for elevator customers to maintain market order and manage customers better. service quality is guaranteed

Support debugging in the engine room, car roof and car



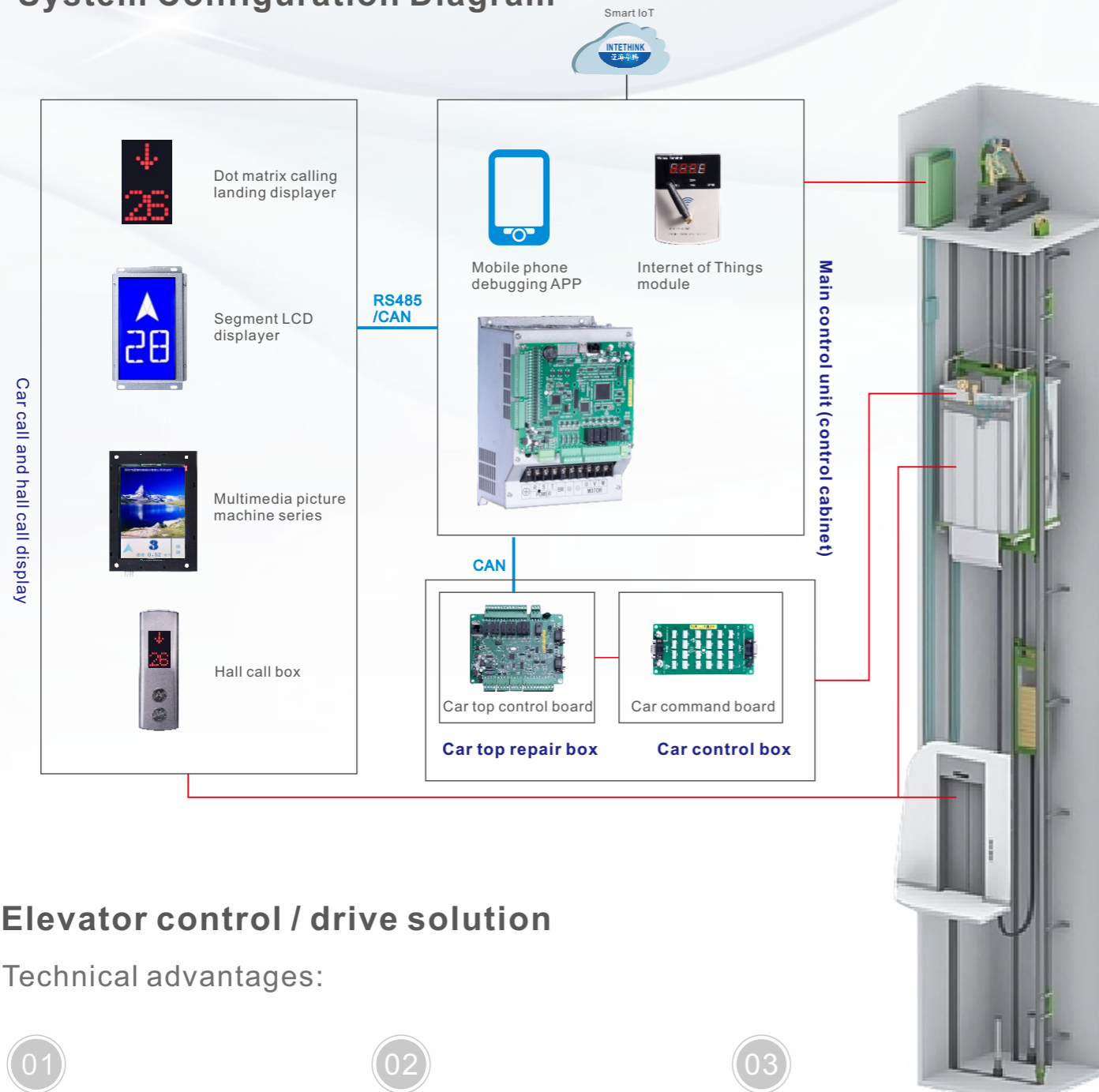
- All-in-one machine and car roof can be connected with external operator
- Main and important parameters are set in the machine room
- Debugging the switch in the car top
- Debugging leveling and comfort in the car

Considerate debugging optimization



- The terminal function of car roof can be set
- The command board terminal can be set
- To set the hall call address without removing the call box
- A variety of leveling debugging methods, support linear stop and crawling stop
- Support sin/cos encoder C+/C- wiring sequence self-learning

System Configuration Diagram



Elevator control / drive solution

Technical advantages:

01

Advanced vector control technology is adopted to achieve precise decoupling of the motor and fully utilize the motor performance

02

Direct stopping technology based on distance control, automatic generation of arbitrary curves, better elevator running comfortable sensation

03

Sufficient safety design, both elevator control and drive control have perfect safety protection functions, which improve the elevator safety factor greatly

04

Automatically correct car position, forced deceleration switch monitoring function, anti-crushing top, anti-smashing function

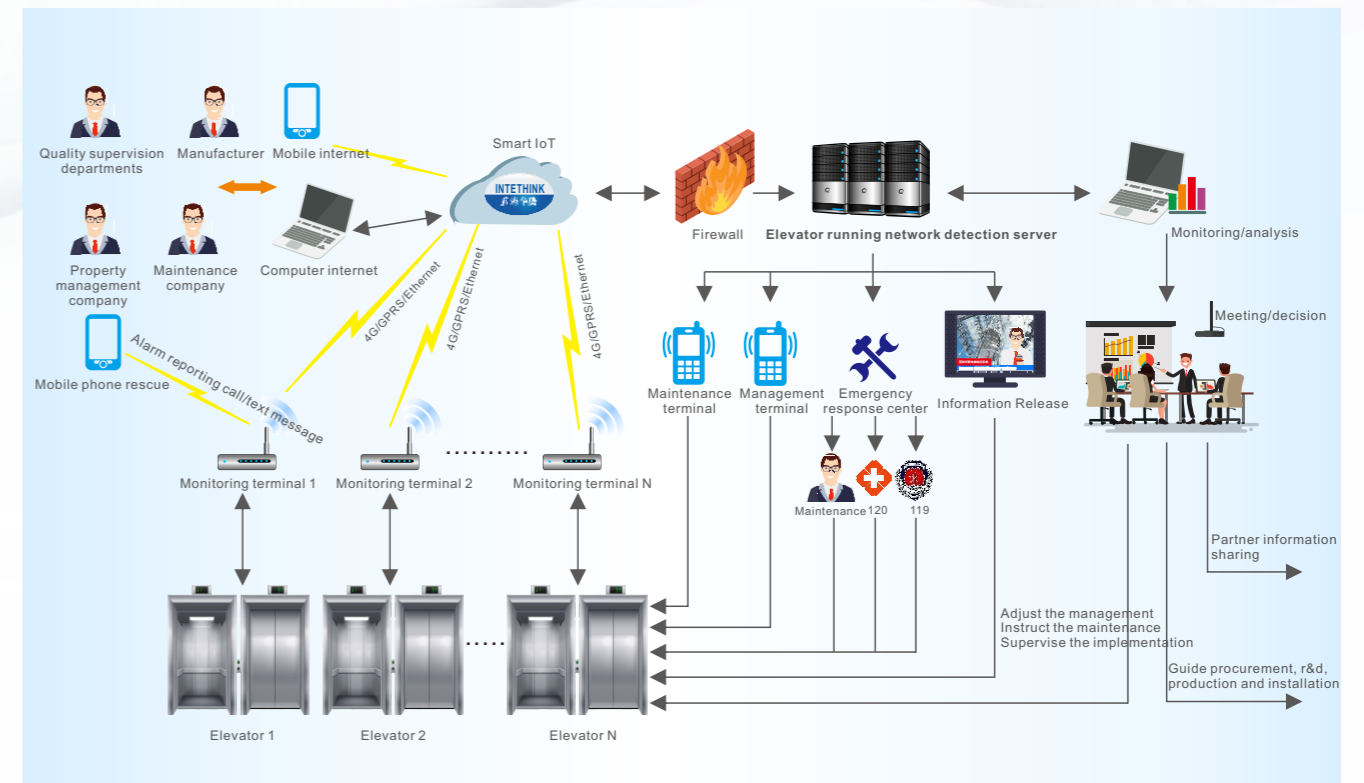
05

Enhanced CAN communication technology is adopted on the main board and the car top board to improve anti-interference performance without shielding wires

06

Innovative fast hall call communication, the latest signal acquisition of any site on the 48 floors is completed within 60ms

V&T·Smart elevator IoT



The advanced sensor technology is used to collect the real-time running data of the elevator. Through the microprocessor data analysis, modeling and establishing a fault expert library, a variety of communication modes are combined to transmit data safely and reliably to the monitoring center. It has realized elevator failure warning and alarm, trapped rescue, daily management, quality assessment, hidden danger prevention, risk assessment, energy-saving technology development and other functions. It is a comprehensive elevator management platform.

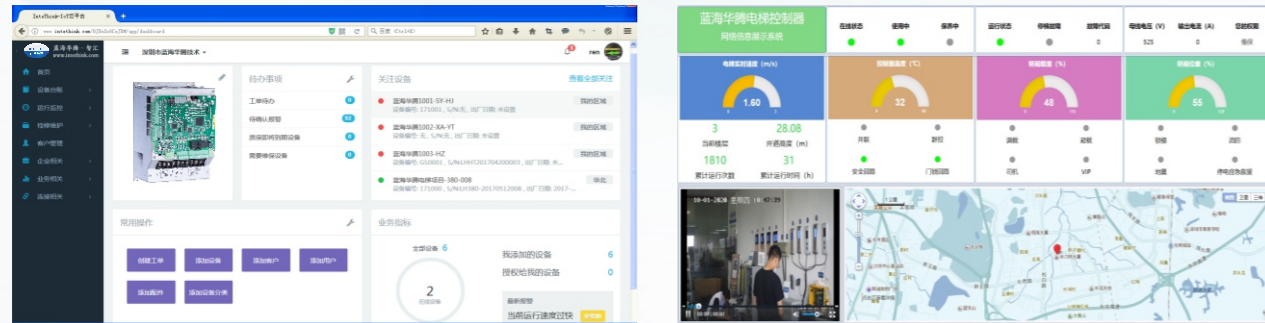
Data Acquisition Terminal

- The acquisition data interface supports RS485/RS232/CAN/Ethernet connections, adapts external devices and most sensors, and expands the data signal receiving range;
- IT fits all kinds of networks, support 2G/3G/4G/WiFi/NB-IoT/LoRa and other communication methods, eliminating the wide-area access troubles;
- Support industrial bus protocol, Modbus protocol to meet different system requirements;
- Support satellite positioning such as GPS/Beidou, and carry out multi-site monitoring and management at the same time;
- The collection hardware terminal is designed in strict accordance with industry standards, and it can easily cope with various responsible working conditions;
- It can be applied to all series of inverters, all-in-ones machines and cabinets of V&T. Plug and play, one step operation.

Platform Architecture

PC Terminal:

Modular design, can be configured according to customer needs, such as equipment management, equipment monitoring, equipment fault management, etc., It has powerful expansion capabilities, You can locate any device and get operational data in real time.



Mobile Terminal:

The user mobile terminal can view and monitor the location information and measurement point data of each device. Support technology after-sales, user communication through text, pictures and voice,Both the device and service are online.



The V&T Industrial IoT System integrates data collection, data processing and data presentation functions.It provides 7*24 hours uninterrupted service.Through the integration, calculation and analysis of the database, it can provide more accurate and effective data analysis for the elevator. It is a reliable industrial IoT one-stop solution for the elevator.

Technical Advantages:

Real-time monitoring



A set of IoT systems from the elevator end to the cloud have been established to monitor the elevator running status in real time.

Online maintenance



V&T Smart IoT can realize the entry, query and management of maintenance information, and can set up tasks such as elevator maintenance and annual inspection.When the time is approaching, the information will be automatically sent to remind relevant organizations and personnel to ensure that the maintenance work is more punctual, more detailed and more efficient.

Network rescue



Once the fault occurs on the elevator, it can proactively alert the automatic network to locate accurately. The system automatically dials the rescue call step by step, and arranges the nearest engineer to rush to the scene in time.

WeChat service



Mobile customers use the WeChat platform to view all dash board content and dynamic flowcharts.The message information is obtained through WeChat message notification, and the alarm content is handled.Users can pay attention to the company's WeChat official account. device data can be viewed and obtained on the WeChat official account.

AIEC3300 Integrated Elevator Controller



Model Description

AIEC 3300 - C - 40 15 - XX

Identification	Product Series
AIEC	AIEC series elevator specialized products
Identification	Controller type
1000	Freight elevator all-in-one machine
1300	
2000	Escalator elevator all-in-one machine
2300	
3000	Passenger elevator all-in-one machine
3300	
Identification	Type of drive motor
A	Asynchronous machine
B	Synchronous machine
C	Asynchronous/synchronous machine

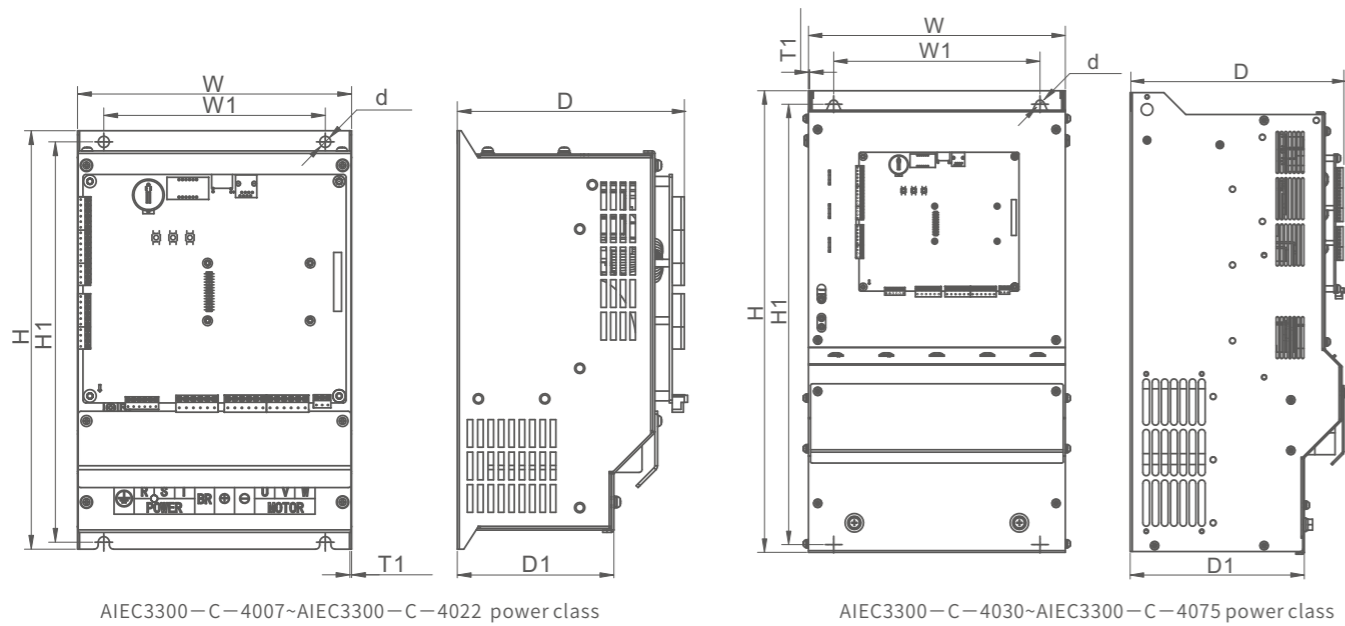
Structure version, default is the original version

Identification	Power level
02	2.2kW
03	3.7kW
...	...
75	75kW

Identification	Voltage level
20	Singal-phase/ three-phase 220V
40	Three-phase380V

Power	2.2 ~ 75kW
Elevator speed	0.250 ~ 4.000m/s
Number of supported landings	40 landings
Wiring method	Modular wiring board
Communication method	Innovative high-speed MODBUS, enhanced CAN communication
Voltage level	220 ~ 240V(2.2 ~ 30 kW)
	380 ~ 440V(2.2 ~ 75 kW)
Adapted traction machine	Support synchronous and asynchronous traction machines
Control method	High performance closed loop vector control. Support open loop low speed operation
Online mode	Single elevator operation, Direct parallel connection below four, 3-8 elevators group control
Applicable elevator type	Passenger elevators, freight elevators, hospital elevators, residential elevators, sightseeing elevators, villa elevators, etc.
Extension port	Support mobile phone debugging serial port upgrade software, IoT monitoring

Product Appearance, Installation Dimension and Approximate Weight



Voltage(V)	Elevator integrated controller model	Dimension (mm)							Gross weight (kg)
		W	H	D	W1	H1	T1	Mounting hole d	
Single-phase / Three-phase 220	AIEC3300-C-2002	198	302	143	160	289	1.5	8	6
	AIEC3300-C-2003								
Three-phase 380	AIEC3300-C-4007	198	302	164	160	289	1.5	8	8
	AIEC3300-C-4011								
	AIEC3300-C-4015								
	AIEC3300-C-4018	223	351	195	195	335	1.5	8	10
	AIEC3300-C-4022								
	AIEC3300-C-4030								
	AIEC3300-C-4037								
AIEC3300-C-4045	305	548	255	245	523	1.5	10	35	
AIEC3300-C-4055									
	AIEC3300-C-4075	338	580	310	270	560	1.5	10	52

Item	Specification	Item	Specification	
Input power	Phase number, voltage, frequency	Instantaneous voltage drop tolerance	200V class: single-phase / three-phase 220-240V, 50/60Hz	
	Allowable voltage change		400V class: three-phase 380/400 /415/440/460V, 50/60HZ	
	Allowable frequency change		-15%~+10%	
Basic characteristics	Standard floor	communication method	200V class: AC150V or above, continue to run; When the rated input state is reduced to less than AC150V, the undervoltage protection shall be provided after continuous operation of 15ms 400V class: AC300V or above, continue to operate; When the rated input state is reduced to less than AC300V, the undervoltage protection shall be provided after continuous operation of 15ms	
	Elevator running speed	Operational function	CAN bus /RS485/RS232	
	Group control quantity	See product feature list		
Drive characteristics	Control method	Frequency setting resolution	40 floors	
	Starting torque	Cone out frequency resolution (calculation resolution)	≤ 4.00m/s	
	Speed control range	No load start compensation	≤ 8 units	
	Speed control precision	In the case of unknown elevator load, according to the direction the elevator will run, the motor is applied with appropriate torque to make it start smoothly, reduce the running time to the minimum, and increase the comfort of elevator starting	Vector control with PG card	0.01Hz/99Hz
	Torque limit	Braking torque	Depending on the load, up to 200%	0.01Hz
	Torque precision	Acceleration time	1:1000 (with PG vector control)	150% (external braking resistor), built-in brake unit
	Frequency control range	Battery operation	±0.05%(with PG vector control 25±10°C)	In the power failure, the battery power supply makes the elevator low speed close to the leveling
PG interface	PG card type	±0.1%	Set open, push pull, SIN/COS	
Input and output signal	Optocoupler input control power supply	USB interface	Isolate 24VDC	
	Low voltage optocoupler isolated input	CAN interface	24 way switch, optocoupler control signal is isolated 24VDC power input signal	
	High voltage optocoupler isolated input	MODBUS interface	4-way switch	
	Relay output	Analog input	6 way normally open contacts, single pole single throw, 5A contact switching capability, contact load (resistive): 5A250VAC or 5A30VDC	
Display	Keypad	Mobile phone debugging	3-digit LED display for partial debugging	
	Operation panel	To connect system and mobile phone to view and modify system status comprehensively and intuitively	5-digit LED display to view, modify most parameters and monitor system status	



Integrated Elevator Control Cabinet

- The hardware resources are fully integrated, the structure is simple, the volume is smaller, and the control cabinet is lighter;
- Modular structure, saving workers wiring time, easy to assemble, repair and replace;
- The internal interface board is designed for on-site installation, and the hoistway cable and the accompanying cable are directly connected to each other, avoiding trouble and wiring errors;
- Built-in overvoltage protection module, the input power supply is cut off in time when the local zero line is disconnected, and other modules of the system will not be damaged due to overvoltage;
- Built-in brake power supply board, direct output DC to control the brake. Control efficiency is improved. No high frequency clutter, the brake generates less heat and the brake noise is lower;
- The built-in DC24V switching power supply can directly supply power to the LOP, control panel board and other peripheral boards, and the rated output current can reach 5A;
- It can match elevator internet monitoring module. It supports community monitoring and remote monitoring.



Power	2.2 ~ 75kW
Elevator speed	0.250 ~ 4.000m/s
Number of supported landings	48 landings
Leveling precision	2mm
Cabinet size	62*26*106
Wiring method	Modular wiring board
Communication method	Innovative high-speed MODBUS, enhanced CAN communication
Voltage level	220 ~ 240 V(2.2 ~ 30 kW)
	380 ~ 440V(2.2 ~ 75 kW)
Adapted traction machine	Support synchronous and asynchronous traction machines
Control method	High performance closed loop vector control for open loop low speed operation
Online mode	Single ladder operation, two direct parallel, 3-8 elevators group control
Applicable elevator type	Passenger elevators, freight elevators, hospital elevators, residential elevators, sightseeing elevators, villa elevators, etc.
Extension port	Support mobile phone debugging, serial port upgrade software, IoT monitoring
Installation method	Install on the floor/wall hanging

Elevator Special Inverter

- With elevator control timing, support for running contactor, brake contactor control;
- Support asynchronous, synchronous machine self-learning without load;
- Supports no weighing start torque compensation and with weighing start torque compensation;
- Support 4 groups of acceleration and deceleration time, 16 segment speed;
- Support 48V battery emergency operation;
- Supports automatic search for light load directions.



Power	2.2 ~ 75kW
Voltage level	220 ~ 240 V(2.2 ~ 30 kW)
	380 ~ 440V(2.2 ~ 75 kW)
Output frequency	0~300Hz
Control method	Closed loop vector control, open loop vector control, V/F control
Adapted traction machine	Support synchronous and asynchronous traction machines
Motor tuning	Load tuning; no load tuning
Overload capability	150% rated output current for 1 minute, 180% rated output current for 10 seconds, 200% rated output current for 0.5 seconds, 10-minute interval (inverse time characteristic)
Input terminal	11 way digital input terminals, one of which can be used for high speed pulse input; 3 way analog input terminals, one of which can only be used as a voltage input, and the other 2 way can be used as a voltage or current input
Output terminal	2 way digital output terminals 4 way relay output terminals 2 way analog output terminals, 4-20mA or 0/2-10V can be selected separately, which can realize the output of physical quantities such as set frequency and output frequency
External power output interface	DC24V power supply, maximum output current 100 mA
Applicable elevator type	Passenger elevators, freight elevators, hospital elevators, residential elevators, sightseeing elevators, villa elevators, escalators, pedestrian passageways, etc. etc.
Extension port	Support mobile phone debugging serial port upgrade software, IoT monitoring

Door Machine Controller AIEC900

- Vector control algorithms is used, excellent control performance, millimeter-level accuracy;
- Support one-button setting, one-key copy, debugging on site is unnecessary;
- Support synchronous and asynchronous motors, greatly improving the application range of products;
- Supports distance control with encoder and speed control with deceleration switch;
- Built-in operation panel, can also be connected with external operation panel, easy to operate;
- When closing the door, if the resistance is big, the door machine automatically stops closing the door and opens the door in the opposite direction to protect the door.

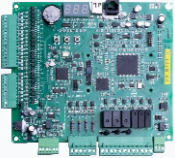
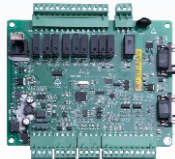

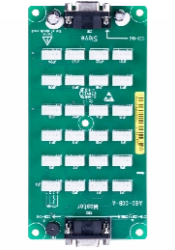
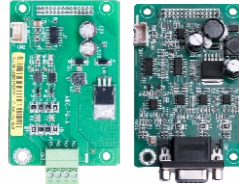


Power	0.75~4kW
Number of supported landings	15 segment speed
Number of supported landings	48 landings
Wiring method	Modular wiring
Communication method	Innovative high-speed MODBUS
Voltage level	220~240V(200~750W)
	380~440V(200~750W)
Adapted traction machine	Support synchronous and asynchronous machines
Control method	High performance closed loop vector control for open loop low speed operation
Applicable elevator type	Passenger elevators, freight elevators, hospital elevators, residential elevators, sightseeing elevators, villa elevators, etc
Extension port	Support mobile phone debugging serial port upgrade software, IoT monitoring

Elevator Specialized Control System Function

NO.	Function	NO.	Function	NO.	Function
1	Inspection run	19	Communication with the upper computer	36	Voice broadcast function Note: Optional function
2	Full collective selective control	20	Fault history record	37	Door safety edge protection
3	Slow self-rescue control	21	Well floor data self-learning	38	Overload alarm and protection
4	Automatically open the door at the landing	22	Free setting of service floor	39	Light load anti-Nuisance function Note: Optional function
5	Door security function	23	Free display of floor display characters	40	Reverse operation protection
6	This floor forward hall call, button open the door function	24	Driver operation	41	Anti-slip protection
7	Open/close door button operation function	25	Car call flashing indication in the driver running state corresponding to the hall call signal	42	Endstation forced speed change function
8	Automatic delay switch function	26	Power failure emergency evacuation function	43	Closing fault automatic reopening function
9	Automatic orientation and reversing function	27	Car call auto response and deceleration number elimination	44	Speed controller fault protection
10	Outbound open door orientation function	28	Hall call limited response and deceleration number elimination	45	Master CPU WDT protection
11	Car call registration press again to cancel the number	29	Independent operation	46	Community (or building) monitoring Note: Optional functions
12	Automatic elimination command in reverse direction Note: Optional function	30	Dot matrix floor display	47	Remote monitoring Note: Optional, via DODEM and telephone cable
13	Automatic generation of arbitrary curves	31	Scrolling display of running direction	48	Parallel operation Note: Optional function
14	Fully loaded	32	Automatic correction of floor position signal	49	Group control operation Note: Optional function
15	Arrival clock	33	Lock elevator service	50	Rush hour service Note: Optional in group control
16	When waiting for the elevator, the lighting and fans in the car lose power automatically	34	Emergency return to operation during fires Note: optional for Non-fire elevators	51	Decentralized standby Note: Group control
17	Automatic return base station Note: Parallel, in group control, if it is a single elevator, this function is optional	35	Fireman Operation Note: Optional for fire elevator	52	Anti-earthquake function Note: Optional function
18	User-friendly display interface operator				

System Components

System Components	Appearance	Description						
Main control board AIEC-MCB-A		<table border="1"> <thead> <tr> <th>Dimensions (mm)</th> <th>Installation size (mm)</th> <th>Installation aperture (mm)</th> </tr> </thead> <tbody> <tr> <td>190*165</td> <td>180*155</td> <td>Φ4.5</td> </tr> </tbody> </table> <ul style="list-style-type: none"> Advanced dual 32-bit CPU + programmable logic device FPGA completes elevator control Elevator control speed reaches 4m/s Single elevator control, double elevator linkage, group control 3-8 elevators 3 digit digital tube display, 3 bit operation keyboard, simple and convenient Support seven-segment code, BCD code, Gray code and other display methods Built-in fault diagnosis function, can record 60 historical faults 	Dimensions (mm)	Installation size (mm)	Installation aperture (mm)	190*165	180*155	Φ4.5
Dimensions (mm)	Installation size (mm)	Installation aperture (mm)						
190*165	180*155	Φ4.5						
Car roof board AIEC-CTB		<table border="1"> <thead> <tr> <th>Dimensions (mm)</th> <th>Installation size (mm)</th> <th>Installation aperture (mm)</th> </tr> </thead> <tbody> <tr> <td>162*125</td> <td>152*115</td> <td>Φ4.5</td> </tr> </tbody> </table> <ul style="list-style-type: none"> 32-bit processor, serial communication, simple wiring, reliable and stable 8 way digital inputs, 10 way relay outputs Support car digital / analog weighing signal input Support LCD operation panel for easy modification and viewing of system parameters Car top board input and output are programmable 	Dimensions (mm)	Installation size (mm)	Installation aperture (mm)	162*125	152*115	Φ4.5
Dimensions (mm)	Installation size (mm)	Installation aperture (mm)						
162*125	152*115	Φ4.5						
Group control board AIEC-GCB-A		<table border="1"> <thead> <tr> <th>Dimensions (mm)</th> <th>Installation size (mm)</th> <th>Installation aperture (mm)</th> </tr> </thead> <tbody> <tr> <td>156.5*86</td> <td>146.5*76</td> <td>Φ4.5</td> </tr> </tbody> </table> <ul style="list-style-type: none"> Can control 3~8 elevators to meet the needs of most customers Use the shortest waiting time principle to assign landing call signals to improve elevator operating efficiency Adopt CANBUS serial communication transmission to realize high-speed and reliable data transmission Automatically cut off abnormally operating elevators and automatically restore group control functions Optional supporting host computer debugging software for remote monitoring and debugging 	Dimensions (mm)	Installation size (mm)	Installation aperture (mm)	156.5*86	146.5*76	Φ4.5
Dimensions (mm)	Installation size (mm)	Installation aperture (mm)						
156.5*86	146.5*76	Φ4.5						
Command board AIEC-CCB		<table border="1"> <thead> <tr> <th>Dimensions (mm)</th> <th>Installation size (mm)</th> <th>Installation aperture (mm)</th> </tr> </thead> <tbody> <tr> <td>158*79</td> <td>148*69</td> <td>Φ4.5</td> </tr> </tbody> </table> <ul style="list-style-type: none"> It can realize the primary and auxiliary control box buttons that in the elevator car to call the elevator. Support drivers, direct driving, fire fighting and independence input Support for overloaded buzzer alarm output One piece per 16 floors for cascading ,up to 48 levels 	Dimensions (mm)	Installation size (mm)	Installation aperture (mm)	158*79	148*69	Φ4.5
Dimensions (mm)	Installation size (mm)	Installation aperture (mm)						
158*79	148*69	Φ4.5						
Encoder-compatible PG card AIEC-PG-E AIEC-PG-A1		<table border="1"> <thead> <tr> <th>Dimensions (mm)</th> <th>Installation size (mm)</th> <th>Installation aperture (mm)</th> </tr> </thead> <tbody> <tr> <td>83*55</td> <td>75*42</td> <td>Φ3</td> </tr> </tbody> </table> <ul style="list-style-type: none"> Support encoder signal: open collector, push-pull, SIN/COS Support OA, OB quadrature signal frequency dividing output Automatically learn encoder direction without manual setting 	Dimensions (mm)	Installation size (mm)	Installation aperture (mm)	83*55	75*42	Φ3
Dimensions (mm)	Installation size (mm)	Installation aperture (mm)						
83*55	75*42	Φ3						

System Components	Appearance	Description								
Safety circuit board AIEC-SCB-D		<table border="1"> <thead> <tr> <th>Dimensions (mm)</th> <th>Installation size (mm)</th> <th>Installation aperture (mm)</th> </tr> </thead> <tbody> <tr> <td>148*72</td> <td>132*56</td> <td>Φ4.5</td> </tr> </tbody> </table> <ul style="list-style-type: none"> Realize accidental movement protection of the car Realize door lock short circuit detection Achieve the function of opening the door in the leveling Realize the function of opening the door in advance Compatible with 3 or 4 sensor signal inputs 	Dimensions (mm)	Installation size (mm)	Installation aperture (mm)	148*72	132*56	Φ4.5		
Dimensions (mm)	Installation size (mm)	Installation aperture (mm)								
148*72	132*56	Φ4.5								
IoT module AIEC-IOT-WL		<table border="1"> <thead> <tr> <th>Dimensions (mm)</th> <th>Installation size (mm)</th> <th>Installation aperture (mm)</th> </tr> </thead> <tbody> <tr> <td>100*72</td> <td>/</td> <td>/</td> </tr> </tbody> </table> <ul style="list-style-type: none"> Support multiple elevator status monitoring, elevator fault alarm and text message notification Real-time collection and uploading elevator operation information, comprehensive testing, unified management Combine multiple communication modes to securely and reliably transfer data to the monitoring center Real-time positioning, tracking, management and information interaction for each elevator 	Dimensions (mm)	Installation size (mm)	Installation aperture (mm)	100*72	/	/		
Dimensions (mm)	Installation size (mm)	Installation aperture (mm)								
100*72	/	/								
Dot matrix call board AIEC-DCB-H1、 AIEC-DCB-R1 etc.		<table border="1"> <thead> <tr> <th>Dimensions (mm)</th> <th>Installation size (mm)</th> <th>Installation aperture (mm)</th> </tr> </thead> <tbody> <tr> <td>144*70</td> <td>120*60</td> <td>Φ3</td> </tr> </tbody> </table> <ul style="list-style-type: none"> Innovative fast communication, the latest signal acquisition of any site is completed within 60ms Rolling dot matrix showing elevator running direction and current floor Ultra-thin design, a variety of color options, horizontal and vertical option Support status display such as overload, full load, stop, fault, maintenance, etc. 	Dimensions (mm)	Installation size (mm)	Installation aperture (mm)	144*70	120*60	Φ3		
Dimensions (mm)	Installation size (mm)	Installation aperture (mm)								
144*70	120*60	Φ3								
LCD call board AIEC-DCB-D1、 AIEC-DCB-V1 etc.		<table border="1"> <thead> <tr> <th>Dimensions (mm)</th> <th>Installation size (mm)</th> <th>Installation aperture (mm)</th> <th>screen size</th> </tr> </thead> <tbody> <tr> <td>144*70</td> <td>120*60</td> <td>Φ3</td> <td>4.3 inches</td> </tr> </tbody> </table> <ul style="list-style-type: none"> Innovative fast hall call communication, the latest signal acquisition of any site is completed within 60ms 4.3-inch segment code LCD display, horizontal and vertical option Ultra-thin design, a variety of color options Status display, such as overload, full load, stop, fault, maintenance, etc. 	Dimensions (mm)	Installation size (mm)	Installation aperture (mm)	screen size	144*70	120*60	Φ3	4.3 inches
Dimensions (mm)	Installation size (mm)	Installation aperture (mm)	screen size							
144*70	120*60	Φ3	4.3 inches							
Elevator multimedia display system AIEC-DCB-T		<table border="1"> <thead> <tr> <th>Dimensions (mm)</th> <th>Installation size (mm)</th> <th>Installation aperture (mm)</th> <th>screen size</th> </tr> </thead> <tbody> <tr> <td>115*189</td> <td>80*181.1</td> <td>Φ4.5</td> <td>7 inches</td> </tr> </tbody> </table> <ul style="list-style-type: none"> TFT LCD with 24-bit/32-bit color width, available in a variety of sizes Background pattern is automatically changed, editable text, support for Voice announcement and background music Support U disk or SD card for easy secondary development Support status display such as overload, full load, stop, fault, maintenance etc. 	Dimensions (mm)	Installation size (mm)	Installation aperture (mm)	screen size	115*189	80*181.1	Φ4.5	7 inches
Dimensions (mm)	Installation size (mm)	Installation aperture (mm)	screen size							
115*189	80*181.1	Φ4.5	7 inches							

Technical Support

IoT Technology

Collect and upload elevator operation information in real time. Comprehensive inspection, unified management, real-time positioning, tracking, management and information interaction for each elevator

Technology Communication

Collection and analysis of customer needs, on-site professional model selection assistance, on-site test machine, functional upgrade of products for customer's on-site problems, to meet new customer needs

Technical Technology

Product upgrade training, new product training, service engineer pre-job, on-the-job regular training, industry application boxing training

Field Service

New machine installation and debugging, product inspection, site survey, product upgrade service, fault site maintenance, on-site basic operation guidance training, use instructions, regular maintenance knowledge popularization, on-site photo collection



Quick response

Establish regional spare parts warehouses in major cities in the country, reserve enough consumables, and provide first-time response and quick spare parts supply for local customers

7*24 hours full time guard

Adopting the butler-style service standard, the shift system ensures that customers can conduct after-sales consultation at any time, and professional customer personnel will help customers to solve problems in the first time

Regular inspection and maintenance

Check the running status of your equipment regularly to ensure that the unsafe risks caused by aging of the elevator equipment are eliminated in time. Make sure the user is safe in the elevator. Your equipment will get the most professional maintenance

Data support

User manual, product sample, product qualification certificate, technical notice, application case collection, WeChat monthly notification, WeChat machine selection service, operation video course

SEEKING COOPERATION

A HEALTHIER, MUTUALLY BENEFICIAL OF COOPERATION

We are always committed to seeking and developing long-term stable business partners. To meet and exceed the expectations of our business partners is our value.