

CHAINZONE



CHAINZONE LED intelligent traffic ▲ **PROJECT REFERENCE**

EN12966, ETL, CETL Certified

SINCE 2000

Installation Site: Norway Ryfast

Item: As VMS supplier in Ryfast Tunnel in Norway, Chainzone has installed more than 2000 sets of LED signages compliant to EN12966 standard. Chainzone's VMS not only has great optical performance with high luminance and good uniformity, but also has excellent environmental reliability which ensures its durability in extremely challenging environment with high humidity, high corrosion and low temperature like the ones in Norway.



Installation Site: Hong Kong-Zhuhai-Macao Bridge, Hong Kong

Item: As the only solution provider of LED traffic signal system for the Hong Kong section of the Hong Kong-Zhuhai-Macao Bridge, Chainzone has successfully installed more than 600 sets of LED traffic products. These products are not only independently developed and manufactured by Chainzone itself, but also in compliance with the EN12966 standards. Among them, a new patented lens technology has been added to the variable message signs (VMS), allowing the light to focus on the center, achieving strong concentration and improving the utilization rate of the LED light. At the same time, the special technology focuses the beam, reduces power consumption, so as to realizes comprehensive energy saving, and reduces light pollution. With the help of VMS, lane control signals, variable speed limit signs and other LED traffic products from Chainzone, a scientific traffic system plan for the Hong Kong section of the Hong Kong-Zhuhai-Macao Bridge was formed.



Installation Site: Qatar

Item: Since 2018, Chainzone has been certified by the Qatari government Ashghal as the only Chinese supplier of LED Dynamic Message Signs in the local market. By September 2021, Chainzone has supplied highway traffic guidance systems for four key municipal transportation projects, i.e. Mesaimeer, Duhail, D-Ring, and framework project. Moreover, Chainzone has supplied more than 150 sets of LED traffic signage products to Qatari market.



Installation Site: Russia

Item: Over the years, Chainzone has supplied many VMS to highway projects in Russia, such as M4. Most of the signs still operate stably even in the extremely cold weather like minus 60 degrees in Russia. So far, Chainzone has supplied more than 50 sets of VMS products to this market.



Installation Site: Austria

Item: Amberg tunnel

Chainzone is the first Chinese supplier to enter the Austrian VMS market. The Austrian market is the headquarter of Swarco, a leading VMS supplier in the world. Chainzone won this project against Swarco and completed it successfully. In this project, more than 200 sets of VMS products have been installed.



Installation Site: Poland

Item: Since 2018, Chainzone has provided various VMS products on municipal roads in different cities in Poland. Chainzone's product quality has been widely recognized in this market and is considered to be a leader among Chinese VMS manufacturers. At present, Chainzone has supplied more than 50 sets different types of VMS.



Installation Site: Malaysia

Item: With presence of more than 10 years, Chainzone has earned very good reputation in Malaysian market. It joins many LED variable message sign projects along with its partners and supplies more than 105 sets VMS for traffic application in Malaysian market till now.



Installation Site: Hong Kong International Airport Highway

Item: After 4 sets of large VMS were installed in 2013, the customer continued to install another 4 sets of EN12966 VMS with same display area at the airport highway to show flight information. The total size is about 400 sqm.



Installation Site: Hong Kong Liantang Boundary Control Point

Item: Liantang Boundary Control Point is a port connecting the city of Shenzhen and the Hong Kong, the seventh land port on the border between Hong Kong and Shenzhen. It is one of the key projects of the cooperation between Guangdong Province and Hong Kong, as well as the comprehensive port for passengers and cargos and also a pilot for reforming the "one-stop" customs clearance made for Chinese vehicles. This port opened to public on August 26, 2020. Chainzone supplied 30 sets of various VMS products for this project.



Installation Site: Lithuania

Item: The project is the largest ITS project ever built in Lithuania and is the main highway between the three cities of Vilnius-Kaunas-Klaipėda, with a total length of 10,000 to 95,000 km. Chainzone has supplied more than 200 sets of VMS products for this project.



Installation Site: Sweden

Item: Chainzone contributes to the Intelligent Traffic System in Sweden! We have cooperated with Trafikverket in depth for three years. Chainzone has supplied over 500 sets of intelligent traffic signages such as variable message sign, lane control signals in Stockholm, Gothenburg, Malmö and other cities. You can see Chainzone's intelligent traffic signs on the seaside, in tunnels, and on highways in Sweden.





Installation Site: Thailand



Installation Site: Hungary



Installation Site: Sweden



Installation Site: South Korea



Installation Site: Azerbaijan





Installation Site: **Brazil**



Installation Site: **Macao**



Installation Site: **China-GuangDong**



Installation Site: **Iran**



Installation Site: **Australia**



Installation Site: **Netherlands**



Installation Site: **Netherlands**



Installation Site: **Belgium**



Installation Site: **Netherlands**



Installation Site: **Ireland**



Installation Site: **Sweden**



Installation Site: **Australia**



Installation Site: **Ireland**



Installation Site: Norway



Installation Site: Hong Kong



Installation Site: **Turkey**



Installation Site: **Iran**



Installation Site: **UK**



Installation Site: **Colombia**



Installation Site: **Dubai**



Installation Site: **UK**



Installation Site: **Netherlands**



Installation Site: **Bulgaria**



Installation Site: **Hong Kong**



Installation Site: **Netherlands**



Installation Site: Netherlands



Installation Site: Canada



Installation Site: Singapore



Installation Site: Sweden



Installation Site: France



Installation Site: GuangZhou



Installation Site: China



Installation Site: **China**



Installation Site: **Ethiopia**



Installation Site: **Guatemala**



Installation Site:



Installation Site: **China**



Installation Site: **China**



Installation Site: **America**

CHAINZONE

Chasing Light, All The Way Together



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