



CviLux South of Asia Presentation

 Sales Department

 Date :2025.01.21



Founded in 1990, CviLux dedicates in manufacturing & selling Connectors, FFC, Wire Harnesses, and PCBA.

連接世界 | 減碳地球

Connect the World Conserve the Earth

www.cvilux.com

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CviLux Group

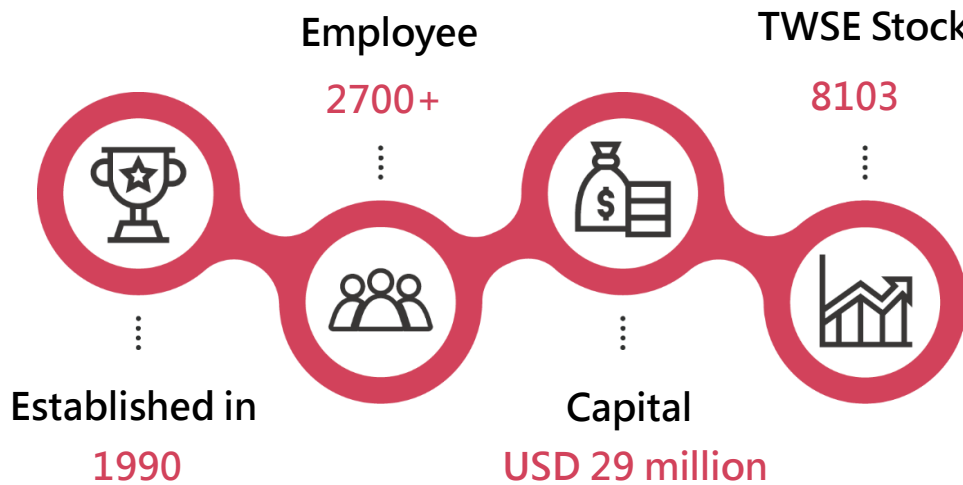


01 |

CviLux Group Introduction

Brand Story

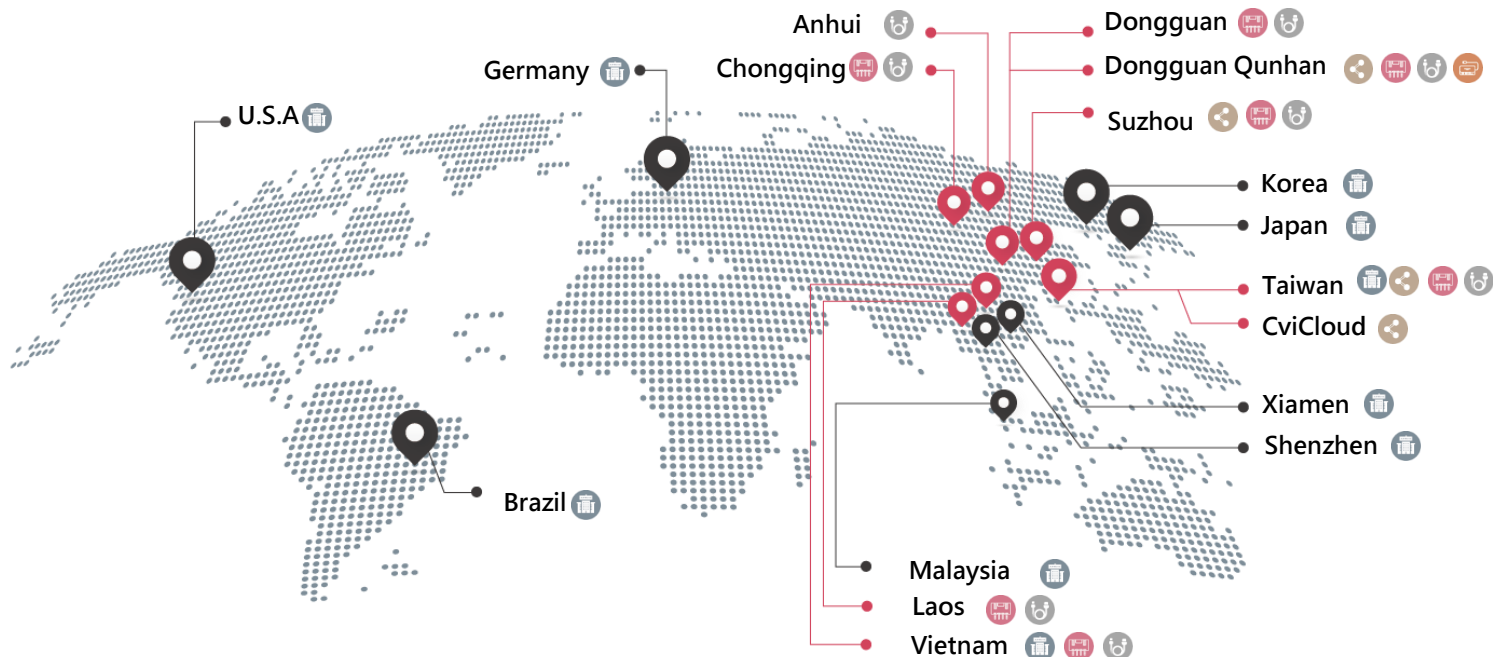
CviLux Group is dedicated to creating wired and wireless connectivity products. The brand name 'CviLux' combines 'Civilian' and 'Luxurious,' representing our commitment to making products both widely accessible and universally applicable.



Group History



Global Plant



R&D Investment Company



Sales Channel

CviCloud - Wireless Connectivity Solutions
Recon - Smart Healthcare Solutions
Qunhan - Variable Frequency Motor Solutions

■ Production Base



Connector
Production



Cable & Harness
Production



Accessories
Production

Major Customers

 POWER SOLUTION	 PANEL MODULE	 TV / MONITOR	 AUTOMOBILE	 GREEN ENERGY
     	       	     	          	    

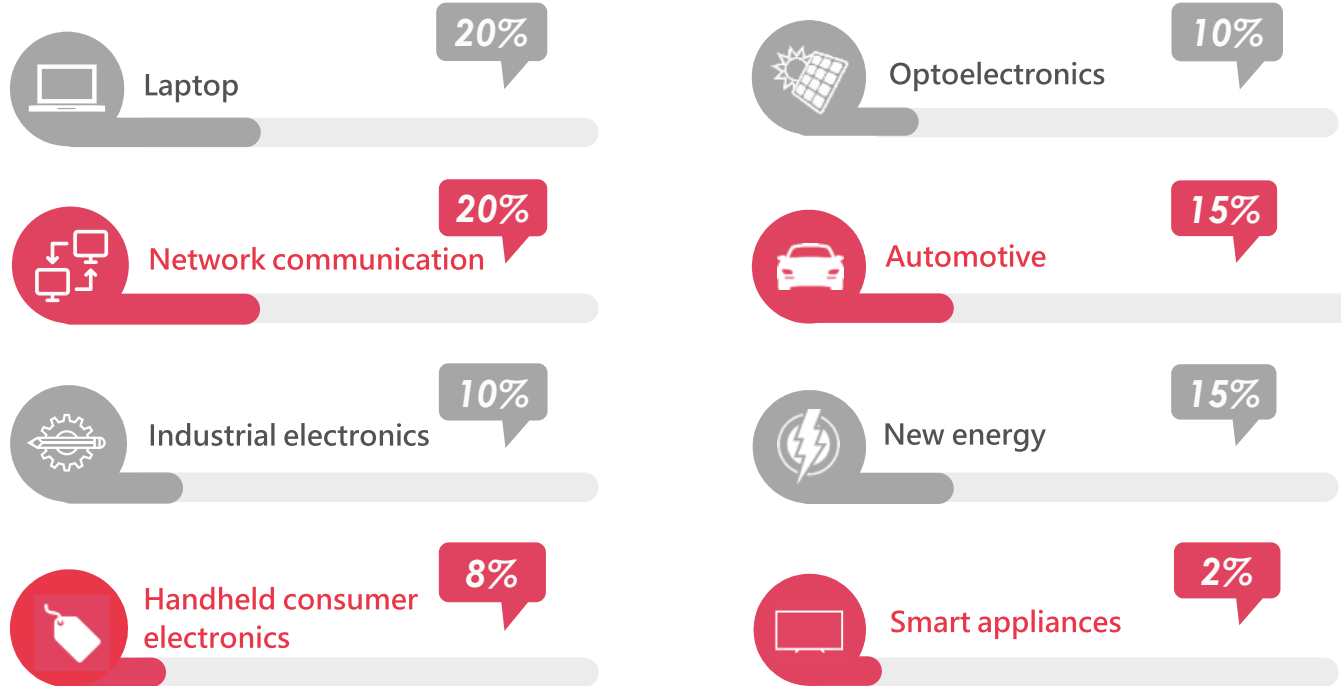
※ in alphabetical order

Major Customers

 LIGHTING	 INDUSTRIAL MEDICAL	 EMS	 BRAND	 HOME APPLIANCE
 莹辉照明	  	             緯創資通	            	        

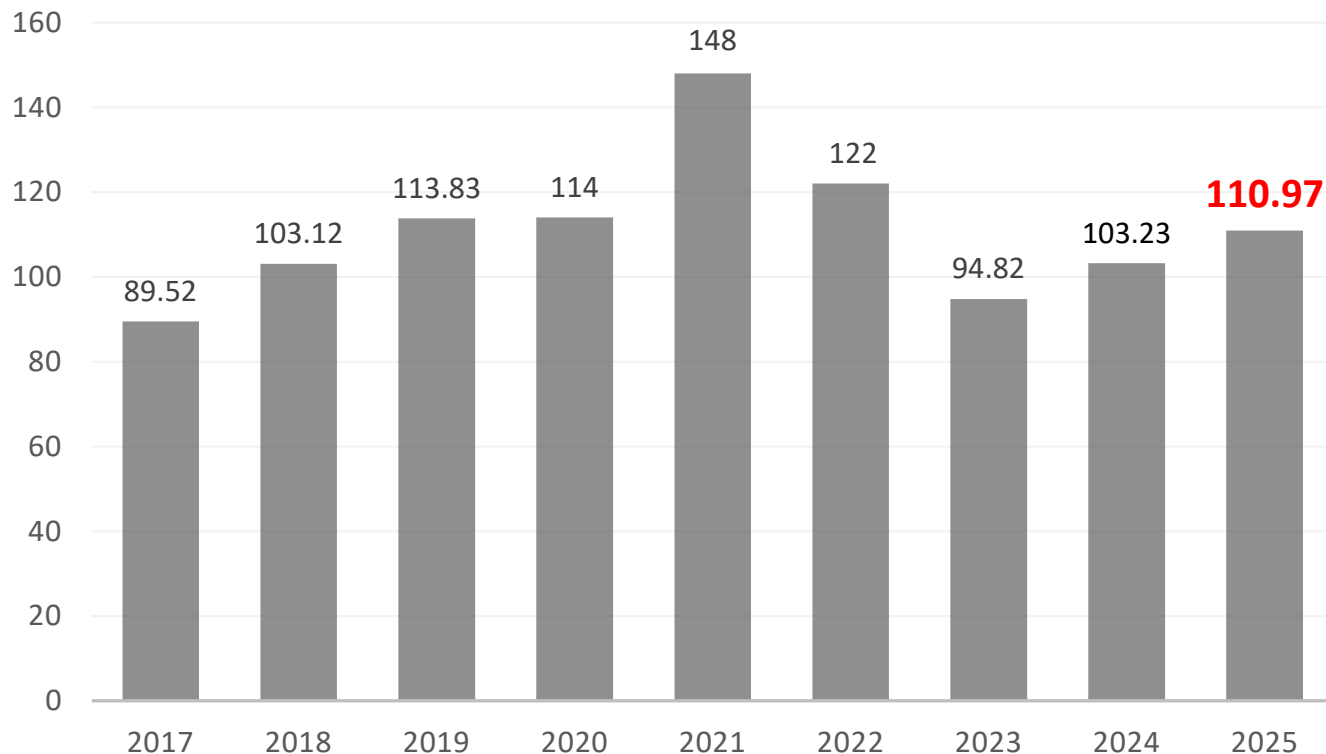
※ in alphabetical order

Proportion of Product Application Scope to Revenue



Revenue share unit : %
(Nearly three years)

Revenue and Target of Component



Unit : USD Million



02

CviLux Lao
Introduction

CviLux Lao



Land Space : 40,000 Square Meters
Factory Space : 1st stage 13,000 Square Meters
2nd stage 13,000 Square Meters

Product Lines

FFC & LVDS Cable assemblies

1. Custom Made Wiring Harnesses
2. Custom Made Cable assemblies
3. Connectors Series
4. Metal and plastic mechanical Parts



Start to pilot run production from 2019



FFC Facilities

Equipment	Quantity	Equipment	Quantity
Lamination Machine	5	Reinforcing Plate Printer	2
Continuity Tester	1	Labeling Machines	2
High Voltage Insulation Tester	2	Electric Measuring Machine	3
Slitting Machine	3	Wrapping Paper Cutting Machine	2
Image Detection Punching Machine	14	Auxiliary Material Cutting Machine	1
CCD Cutting Machine	5	FFC Double Row Flexible Cable Electroplating Line	1
Cutting Machine	2	Inkjet Marking Machine	4
Semi-automatic Bending Machine	10	CCD Image Detector	2
Automatic Bending Machine	4	CCD UV Laser machine	4
Automatic Attaching Machine	8	Laser machine	3

Wire Harness Facilities

Equipment	Quantity	Capacity (pcs/Hr)	Equipment	Quantity	Capacity (pcs/Hr)
Single-head Wire Twisting and Tinning Machine	1	2200PCS	Tube Cutting Machine	1	According to product length
Fully Automatic Double-head Terminal Crimping Machine	1	2000PCS	Terminal machine	3	1000-1800PCS
Fully Automatic Double-head Tinning Machine	1	2000PCS	Continuous Wire Stripping and Terminal Crimping Machine	4	According to product demand
Wire Stripping Machine	2	According to product stripping length	2 in 1 automatic terminal machine	2	According to product demand
Core Wire Stripping Machine	4	300PCS	Hydraulic Terminal Crimping Machine	4	120-150PCS
Five-axis Wire Twisting Machine	1	According to product characteristics	Riveting Press Machine	1	According to product demand
Wireless Printer	1	-	Soldering Machine	4	According to product demand
Cutting machine	2	According to product length	Terminal machine	6	300-1800PCS

Capability

Equipment	Quantity	Hourly Capacity	Daily Capacity	Monthly Capacity
Lamination Machine	5	800	44,000	1,144,000
Automatic Lamination Machine	8	450	39,600	1,029,600
Automatic Laser Machine	5	260	14,300	371,800
Automatic Line Marking Machine	4	500	22,000	572,000
Automatic Punching Machine	21	450	103,950	2,702,700
Existing Rear-end Processing Manpower	There are a total of 150 workers in two assembly lines, divided into 7 assembly lines. Each assembly line has a production capacity of 390 pcs/hour.			
	Total Daily Production Capacity : $390\text{pcs} \times 11\text{H} \times 7 \text{ Lines} = 30,000 \text{ pcs}$			
	Total Weekly Production Capacity : $30,000 \times 6 = 180,000$			
	Total Monthly Production Capacity : $30,000 \times 26 = 780,000$			

If the client provides the exact demand quantity, CviLux can expand its production capacity accordingly.

The increase in production capacity is as follows:

※ CviLux could add a new rear-end manual assembly line within two weeks to increase production capacity.



Testing Equipment

Environmental Simulation



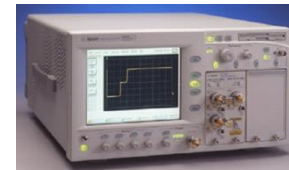
Constant Temperature and Moisture Chamber



Salt Spray Tester



Reciprocating Friction Tester



Agilent TDR

Inspection



Measurement Microscope



Fluorescent Analyzer (XRF)



Atomic Analyzer



X-Ray Thickness Test Machine



2.5 Dimension

Electrical Characteristics



Withstand Voltage Tester



Milli-Ohm Meter

Mechanical Properties



Auto Inserting Pulling Force Tester

Lao Factory



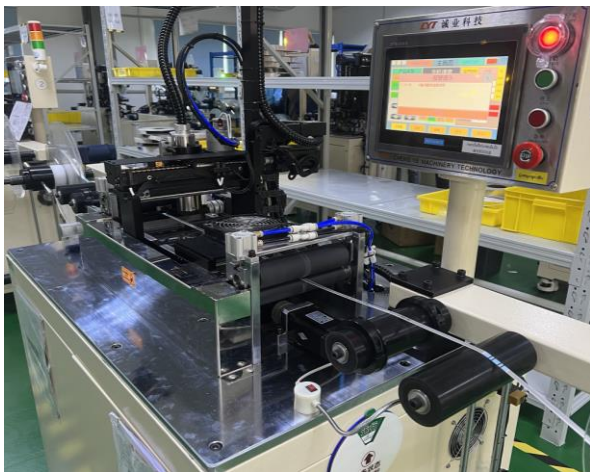
Lao Factory



Lao Factory



Lao Factory

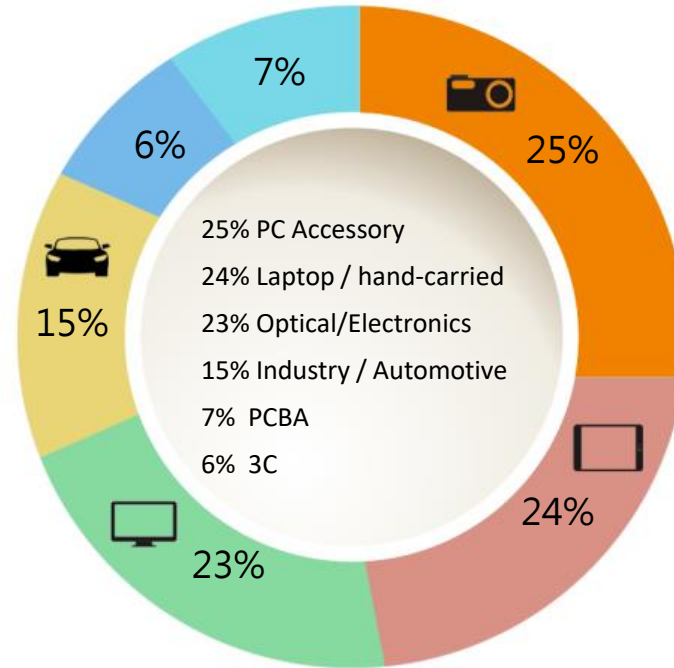


Quality Testing



ASEAN Target Industry Fields

1. Office Automation
2. Home Appliance
3. Consumer Electronics
4. Automotive
5. Others



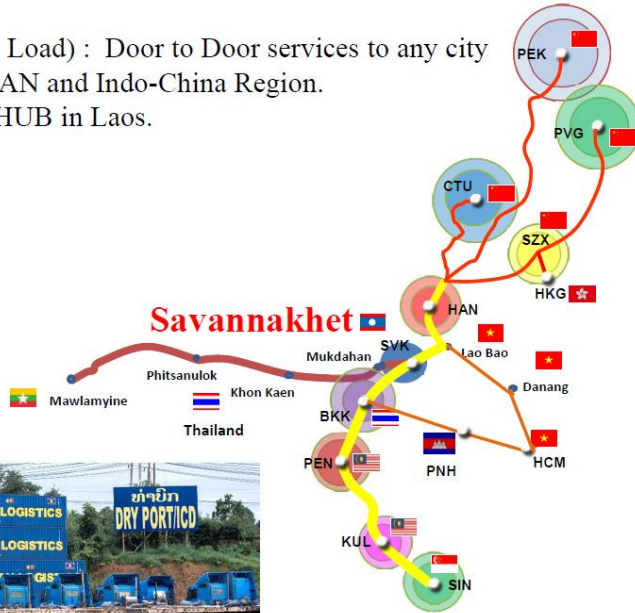


Logistic



FTL (Full Truck Load) : Door to Door services to any city connecting ASEAN and Indo-China Region.
Savannakhet is HUB in Laos.

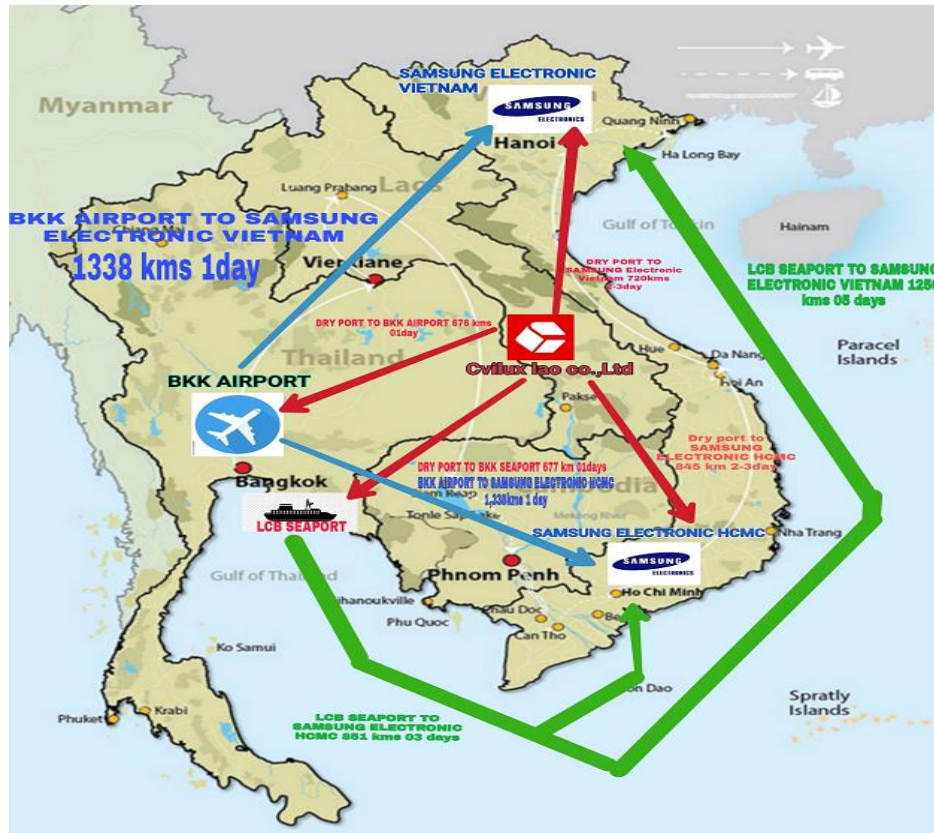
- Singapore
- Malaysia
- Thailand
- **Lao PDR**
- Vietnam
- China
- Cambodia
- Myanmar



Distance to and from DRY PORT/ICD SAVANNAKHET

Departure point	Destination point	Distance (Km)	Lead time (day)
Shen Zhen, China	ICD/Dry Port Savannakhet	1935 km	3 days
DRY PORT/ICD Savannakhet	Bangkok, Thailand	662 km	1 day
Laem Chabang, Thailand	Penang, Malaysia	1155km	1day ++
Penang, Malaysia	Singapore, Singapore	711km	1 day
Shanghai, China	DRY PORT/ICD Savannakhet	3396 km	5 days
Bangkok, Thailand	Dan Sadao, Thailand	984km	1 day
Penang, Malaysia	Singapore, Singapore	711km	1 day

Competitive Advantage

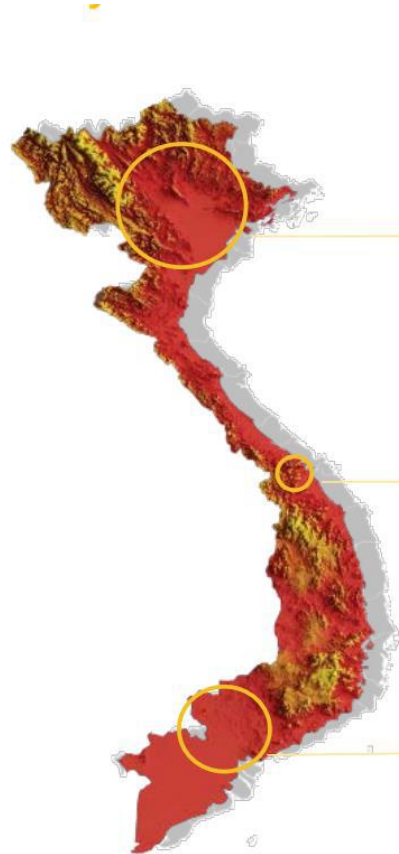


CviLux Lao located at middle of mainland southeast Asia.



03 | CviLux Vietnam Introduction

Vietnam Location Description



The electronic industrial cluster in Northern Vietnam has evolved from its early days of concentrating in Hanoi, Bac Ninh, Bac Giang, Hai Duong, and Hai Phong, to extending outward and expanding into the entire Red River Delta with Hanoi as the center. In response to geopolitical factors and the US-China trade war, major global electronics manufacturers have increasingly shifted their production focus to the Northern Vietnam electronics belt in recent years.

Major cities: Hanoi, Hai Phong
Total 23 provinces, 185 industrial zones

Due to the increasing saturation of land and industrial areas in Northern Vietnam, the region from Da Nang to the south of Thanh Hoa is poised to become a new zone for the future development of the electronics industry. Many large corporations have already begun land surveys and evaluations in this area. Nghe An, Ha Tinh, and Da Nang are key areas within this region that offer significant investment advantages.

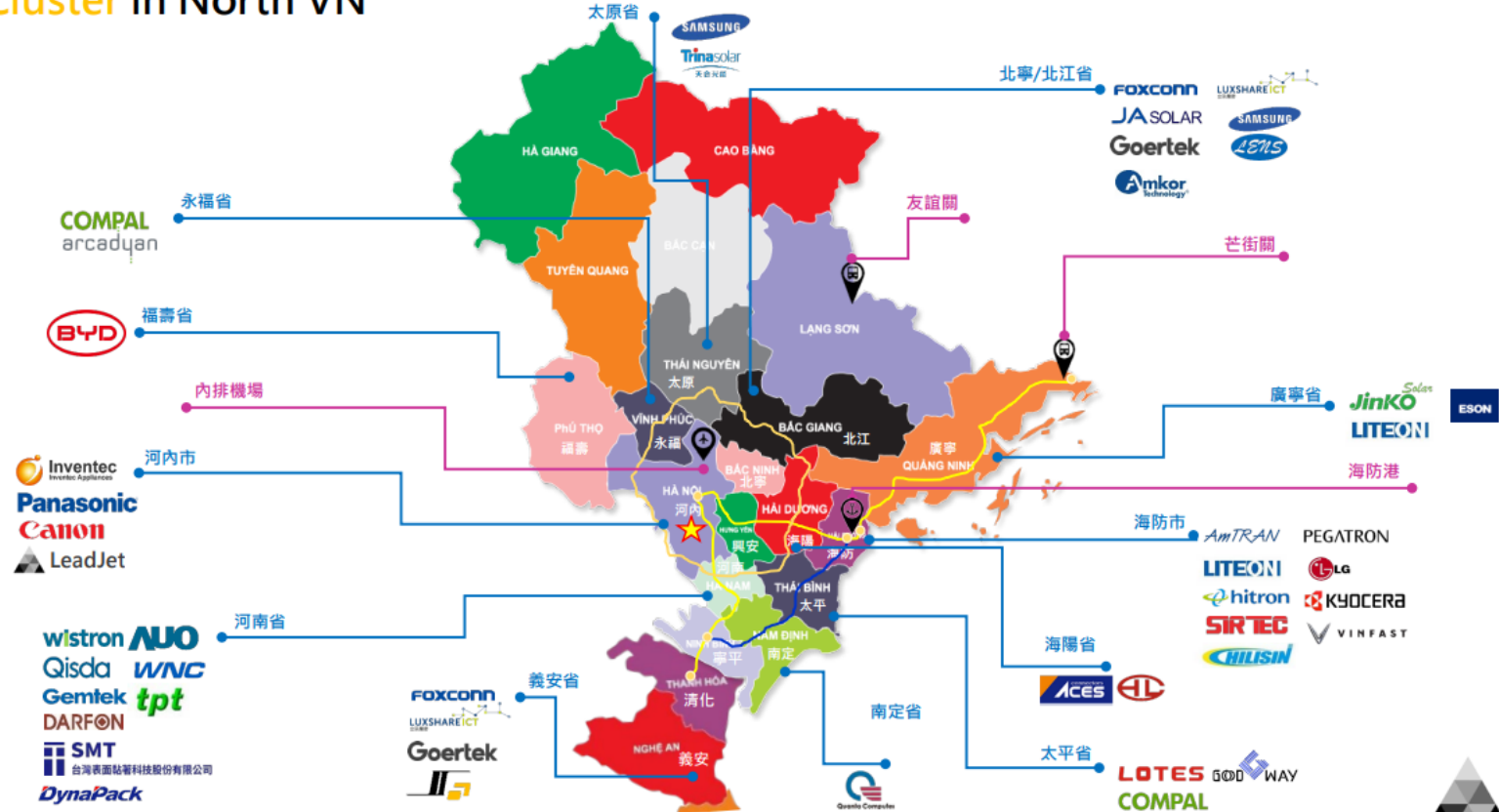
Major cities: Vinh (Nghe An Province), Da Nang
Total 18 provinces, 92 industrial zones

Southern Vietnam, centered around Ho Chi Minh City, has developed outward, with the main industrial belt encompassing Ho Chi Minh City, Binh Duong, Dong Nai, Binh Thuan, and Ba Ria-Vung Tau provinces. This industrial belt is primarily composed of Japanese and Korean electronics factories that entered the region early on, with a significant proportion dedicated to white goods manufacturing. Additionally, the Mekong Delta in the southwestern most part of Vietnam mainly focuses on agriculture and aquaculture.

Ho Chi Minh City, Thu Dau Mot City (Binh Duong Province)
Can Tho City (Mekong Delta) Total 17 provinces, 156 industrial zones

End Customer in North Vietnam

E-Cluster in North VN



Vietnam Factory



CviLux Vietnam is located in
An Phong Industrial Area
Bac Ninh Province

2,697m²

Vietnam Factory



Vietnam Factory



Vietnam Factory





04 | CviLux Malaysia Introduction

CviLux Affiliate



KL Sales Office : CviLux SDN.BHD
Bedford Business Park No.4-5 Jalan 3/137B 5th Mile, Old
Klang Road 58200 Kuala Lumpur
Email vanessa.behacvilux.com
Phone : +60149855626
Fax : +60379846126



Lumut Manufacturing Plant : Leoco Industries Sdn Bhd
No11-15 Taman Melati, Jalan Lumut, 32200,
Lumut, Perak, Malaysia. PIC : Ms.L.S Teow (Marketing)
Email : lstew@leoco-industries.com
Phone : 605-688 5616
Fax : 605-688 728

Quality Certification



CERTIFICATE OF APPROVAL

No. QMS-00005

This is to certify that the Management System at
LEOCO INDUSTRIES SDN BHD

of
No: 11 - 15, Taman Melati, Jalan Lumut, 32200 Lumut
Perak Darul Ridzuan Malaysia

Has been examined by assessors of QMS Certification and found
to be conforming to the requirements of:

ISO 9001:2015

Quality Management System

In respect of the following activities:
Manufacturing of Wire Harness.

This certificate is valid from 06/24/2023 to 06/23/2026
Original certification date: 09/05/2008
Issue Date: 07/05/2023

This registration is subject to the company continuing to maintain an effective control of the above mentioned management system, which shall be monitored by QMS Certification.


Neifer Franca, Chief Executive Officer



QMS CERTIFICATION | 1481 Regentway Plaza Av. Suite 3102 SF 1R
To verify the validity of this certificate, please visit: <https://www.leco-research.org>



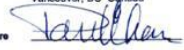
Certificate of Compliance

Certificate Number: LR 110268-1
Revision: LR 110268-1
Date issued: May 27, 1997

Issued To: Leoco Industries Sdn. Bhd.
No 11-15, Taman Melati (Shoptel)
Jalan Lumut, 32200 Lumut
Perak, Malaysia

The products listed below are eligible to bear the CSA Mark.

Issued By: Paul W. Chan, ASCT,
Vancouver, BC, Canada

Signature: 

PRODUCTS

Wiring harnesses made up of components assembled in accordance with the component manufacturer's instructions. All components are certified and include discrete wires No 30 to No 10 AWG, flexible cord or cable No 30 to No 10 AWG, using termination methods such as crimp-on connection, single and multi-contact connectors, sleeving and wraps.

Notes:

1. Certified only for use as components of other certified assemblies where the suitability is determined by the Canadian Standards Associations.
2. Connectors used in these harnesses are not for interrupting current.

APPLICABLE REQUIREMENTS

Inform Wiring Harness No 1 - CSA Certification Program for Wiring Harnesses

**Underwriters Laboratories Inc.**

Northbrook Division
333 River Road
Northbrook, IL 60062-1090 USA
Phone: 630.220.1000
Fax: 630.220.1000
Toll Free: 1.800.255.2555
Customer Service: 1.877.864.2557

FILE: 2220701 Vol. 5 Issued: 1997-05-27
Revised: 2008-03-03

FOLLOW-UP SERVICE PROCEDURE
(TYPE 1)

COMPONENT - PROCESSED WIRE
(SECTION, ENGLISH)

Manufacturer: LEOCO INDUSTRIES SDN BHD
(194711-002)
NO 11-15 N 13 (JALAN MELATI)
SHOPTEL, PERAK DARUL RIDZUAN
32200 LUMUT MALAYSIA

Applicant: SAME AS MANUFACTURER
(194711-002)

Recognized Company: SAME AS MANUFACTURER
(194711-002)

This Procedure authorizes the above Manufacturer to use the marking specified by Underwriters Laboratories Inc. only on products covered by this Procedure, in accordance with the applicable Follow-Up Service Agreement.

The prescribed Mark or Marking shall be used only at the above manufacturing location on such products which comply with this Procedure and any other applicable requirements.

The Procedure contains information for the use of the above named Manufacturer and representatives of Underwriters Laboratories Inc. and is not to be used for any other purpose. It is lent to the Manufacturer with the understanding that it is not to be copied, either wholly or in part, and that it will be returned to Underwriters Laboratories Inc. upon request.

This PROCEDURE, and any subsequent revisions, is the property of UNDERWRITERS LABORATORIES INC. and is not transferable.

UNDERWRITERS LABORATORIES INC.


Wayne Jacobus
Chief Operating Officer

No independent organization working for a safe, secure world through innovation and knowledge.



Facilities

Machine/Equipment	Maker	Unit
Fully Auto Cut & Crimp Machine	Kodera	3
Auto Cut & Crimp Machine	Komax AG	1
Manual IDC Machine	Elco,AMP	26
Crimping Machine	Chu Lun,JS	25
Strip & Crimp Machine	Jonquan	10
Tube Cutting Machine	Jonquan	2
Hot Air Oven	Hakko	2
Tube Printing Machine	Panasonic	1
Label Printing Machine	Dynamax	1
Portable Cross Section Mahine	True Soltec	1
Push Pull Gauge	-	2
Multi Connection Cable Tester	Ultron	7
Winding Machine	Jonquan	2



SONY

2022 / 9 / 03

Notification of Green Partner Certification

Attn : Leoco Industries Sdn Bhd

Thank you for your support on Sony Green Partner Activities.

We would like to inform you that Green Partner Certification has been authorized.

Your continuous cooperation on Sony environmental quality assurance activities is highly appreciated.

Scope of Green Partner Certification

Factory Code	MC Name	FC Name	Expiry Date
FC000778	Leoco Industries Sdn Bhd	(No Factory Name)	2025/09/30

Green Partner Secretariat

Procurement Center

Sony Corporation

Facilities

Other Equipments

Cut, Strip & Crimp Machine



Crimp Machine

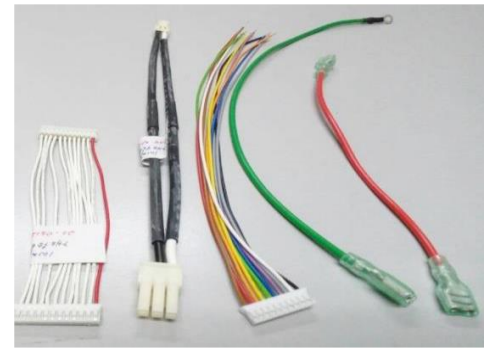


**Kodera Tyco
C511HX1A**



Komax Gamma 255

Wire Harness Products



Indirect Employees : 4 pax

- Direct Employees : 30 pax 30
- homeworkers Average Monthly
- Capacity : RM300k Yearly Capacity in Value : RM5.0mil

Major Customers



Competitive Advantage



Qualified Supplier for
Well-known EMS Plants
around the World

01



Full Operation and
Management
Information System

02



International
Qualification and
Industrial Certificate

03



Public Company
under Well-organized
Financial Condition

04



Responsible
Business
Alliance

05



Well-developed
Global Sales
Channels

06

THANK YOU

連接世界 | 減碳地球

Connect the World Conserve the Earth