

瀚荃東南亞介紹

CviLux South of Asia Presentation

 Sales Department

 Date :2025.01.21

CONTENTS

01

瀚荃集團介紹

CviLux Group Introduction

02

瀚荃寮國介紹

CviLux Lao Introduction

03

瀚荃越南介紹

CviLux Vietnam Introduction

04

瀚荃馬來西亞介紹

CviLux Malaysia Introduction



01 |

瀚荃集團介紹

CviLux Group Introduction

品牌故事

- ✓ CviLux集團以打造有線連接與無線連接的產品為使命
- ✓ 品牌名稱CviLux以Civilian (平民) 和Luxurious (奢華) 的結合
- ✓ 代表著我們追求產品普及與應用全面的價值觀



集團沿革

1990



- 公司成立 資本額500萬

2000-2003



- 設立華南東莞廠
- 設立華東蘇州廠
- 設立華南群翰廠

2009



- 臺灣股票上市公司 (股市代號:8103)

2011



- 設立華西重慶廠
- 設立青島辦事處

2013



- 成立SMT事業部
- 開始代工無線模組
- 獲得蘋果MFi認證

2015



- 設立華中安徽廠
- 成立Opro9品牌
- 獲得臺灣精品獎

2016



- 設立東盟寮國廠
- 增設Type C 產線

2017-2018



- 設立美國分公司
- 設立韓國分公司
- 設立廈門辦事處
- 設立馬來西亞辦事處

2021



- 設立日本辦事處
- 設立巴西辦事處
- 智慧工廠計畫推動
- 設立德國辦事處

2022



- 取得醫療認證 13485
- MES 導入完成
- 成立臺北高頻中心

2023



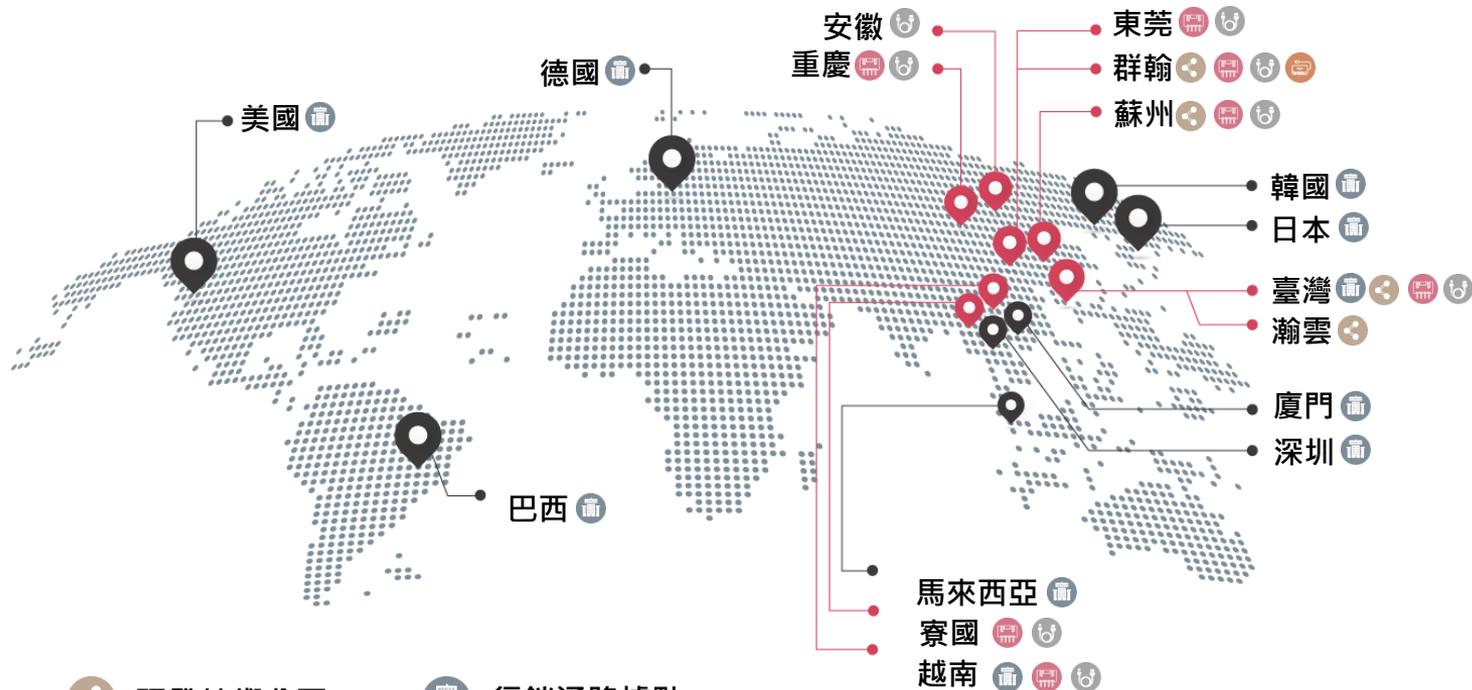
- 設立越南辦事處

2024



- ESG永續計畫
- 設立越南工廠

全球據點



研發技術公司

- 瀚雲-無線連接方案
- 瑞康-智慧醫療方案
- 群翰-變頻馬達方案



行銷通路據點

■ 生產基地



連接器生產



線纜組件生產



電子配件生產

主要客戶

 POWER SOLUTION	 PANEL MODULE	 TV / MONITOR	 AUTOMOBILE	 GREEN ENERGY
     	       	     	         	    

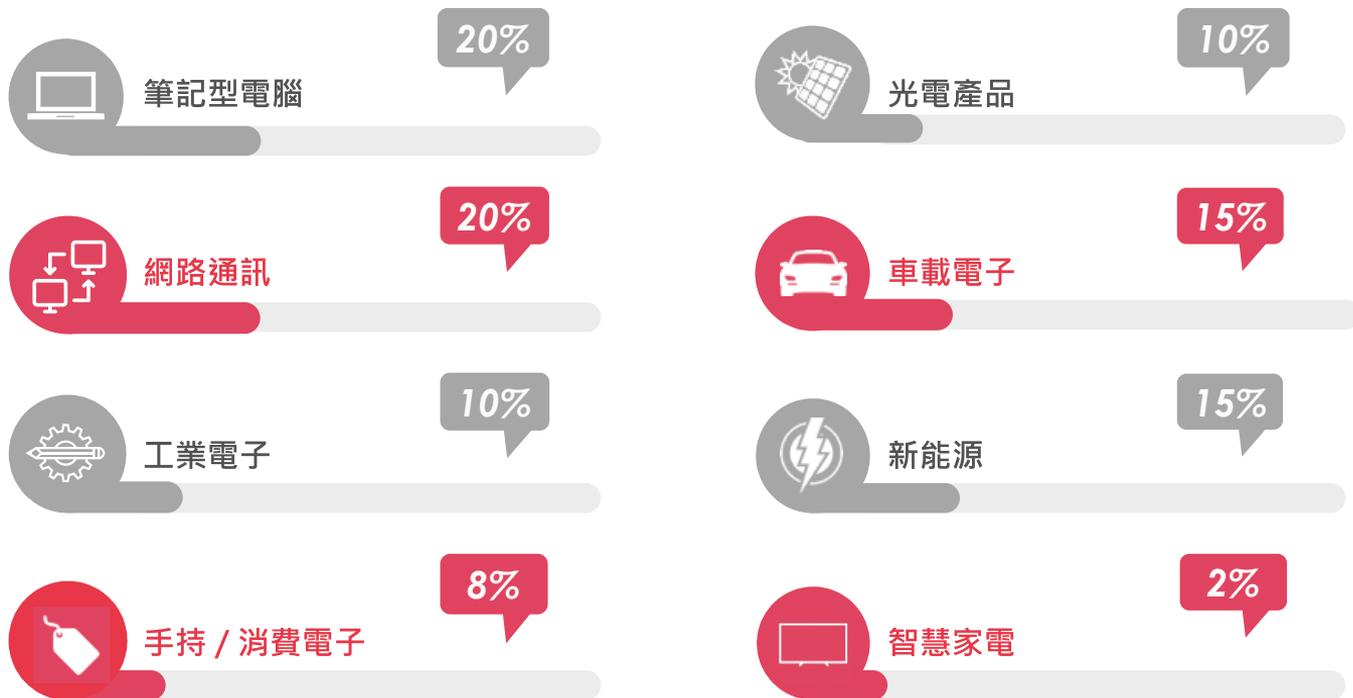
※品牌以英文字母排序

主要客戶

 LIGHTING	 INDUSTRIAL MEDICAL	 EMS	 BRAND	 HOME APPLIANCE
 莹辉照明   	     	    英業達      	            	        

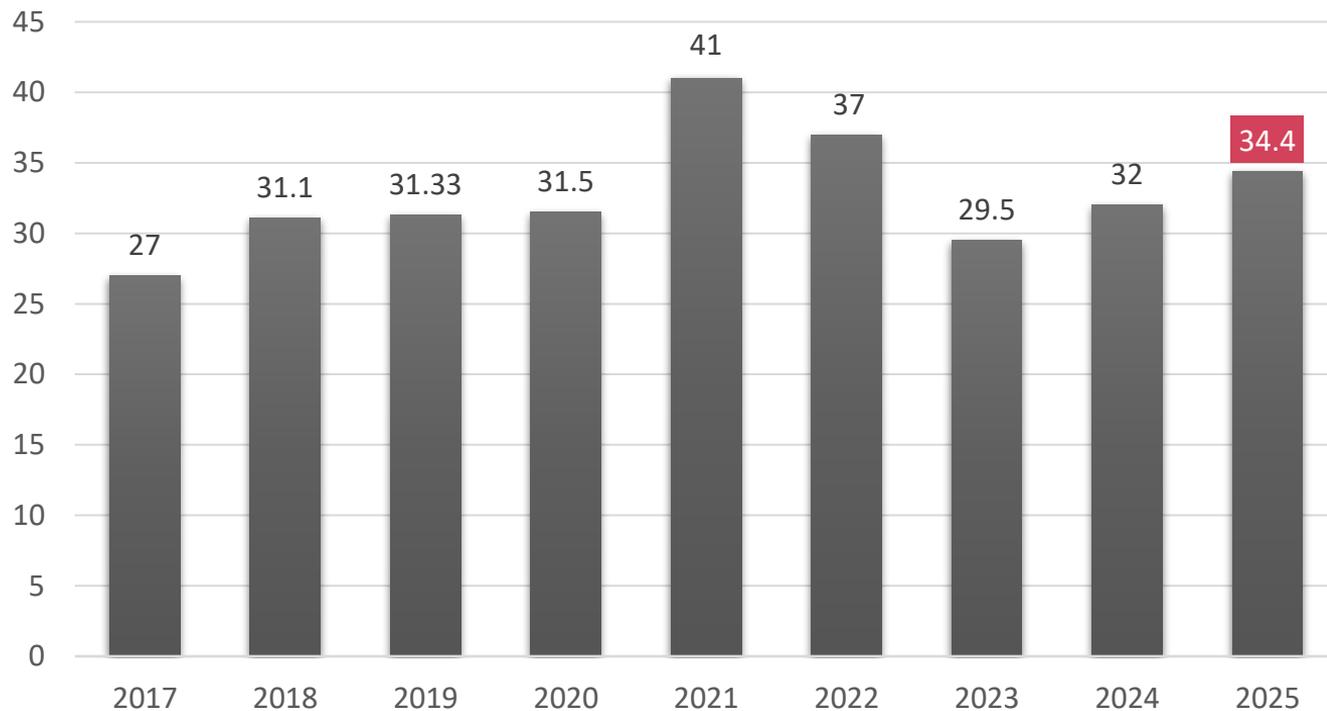
※品牌以英文字母排序

產業比重



營收比重單位：% (近3年)

營收與目標



單位：NTD億元



02

瀚荃寮國介紹

CviLux Lao Introduction

瀚荃寮國



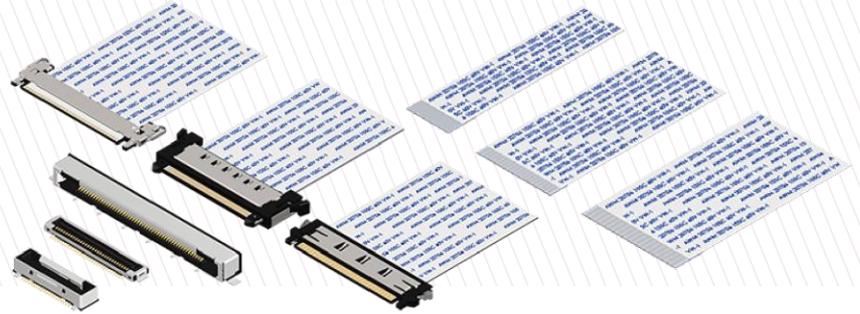
Land Space : 40,000 Square Meters

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

產品線

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



軟性排線設備

設備名稱	數量	設備名稱	數量
熔合機 Lamination Machine	5	補強板列印機 Reinforcing plate printer	2
導通測試儀 Continuity Tester	1	標籤機 Labeling machines	2
高壓絕緣測試儀 High Voltage Insulation Tester	2	電測機 Electric measuring machine	3
分條機 Slitting Machine	3	切包裝紙機 wrapping paper cutting machine	2
影像檢測衝切機 Image detection punching machine	14	輔材裁切機 Auxiliary material cutting machine	1
上下影像CCD裁切機 CCD cutting machine	5	FFC雙排軟排線電鍍線 FFC double row flexible cable electroplating line	1
裁切機 cutting machine	2	噴碼畫線機 Inkjet marking machine	4
半自動折彎機 Semi-automatic bending machine	10	CCD影像檢測儀 CCD image detector	2
自動折彎機 Automatic bending machine	4	CCD紫外鐳射機 CCD UV laser machine	4
自動貼附機 Automatic attaching machine	8	鐳射鐳射機 laser machine	3

線材設備

設備名稱	數量	產能(pcs/Hr)	設備名稱	數量	產能(pcs/Hr)
單頭扭線沾錫機	1	2200PCS	切管機	1	根據產品長度
全自動雙頭端子壓著機	1	2000PCS	端子機	3	1000-1800PCS
全自動雙頭沾錫機	1	2000PCS	連續剝皮打端子機	4	根據產品需求
電纜剝皮機	2	根據產品剝皮長度	二合一端子機	2	根據產品需求
芯線剝皮機	4	300PCS	油壓端子機	4	120-150PCS
五軸絞線機	1	根據產品特性	鉚壓機	1	根據產品需求
無線印表機	1	-	焊錫機	4	根據產品需求
裁線機	2	根據產品長度	端子機	6	300-1800PCS

產能

設備名稱	數量	每小時產能	每天11H產能	月產能
熔合機	5	800	44,000	1,144,000
自動貼膠機	8	450	39,600	1,029,600
自動鐳射機	5	260	14,300	371,800
自動劃線機	4	500	22,000	572,000
自動沖切機	21	450	103,950	2,702,700
后段加工人力(現有)	排二組裝產線共150人·区分7条组裝产线·每条产线產能390pcs/H			
	一天成品總產能： $390\text{pcs} \times 11\text{H} \times 7\text{条} = 30,000\text{ pcs}$			
	一週成品總產能： $30,000 \times 6 = 180,000$			
	月成品產能 $30,000 \times 26 = 780,000$			

若客戶端提供確切的需求量，CviLux可配合擴充產能，產能提升說明如下：
※CviLux可於兩週內新增加一條後段人工組裝產線提升產能



檢驗設備

環境模擬

Environmental Simulation



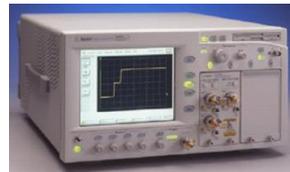
Constant Temperature
and Moisture Chamber
恆溫恆濕試驗機



Salt Spray Tester
鹽水噴霧試驗機



Reciprocating Friction Tester
往復摩擦測試儀



Angilent TDR
特性阻抗

尺寸材質分析

Inspection



Measurement
Microscope
工具顯微鏡



Fluorescent Analyzer (XRF)
螢光分析儀



Atomic Analyzer
原子分析儀



X-Ray Thickness
Test Machine
模厚測試機



2.5 Dimension
2.5次元

電氣特性

Electrical Characteristics



Withstand Voltage
Tester
耐電壓測試機



Milli-Ohm Meter
微歐姆計

物理特性

Mechanical Properties



Auto Inserting Pulling
Force Tester
自動插拔測試機

寮國廠區



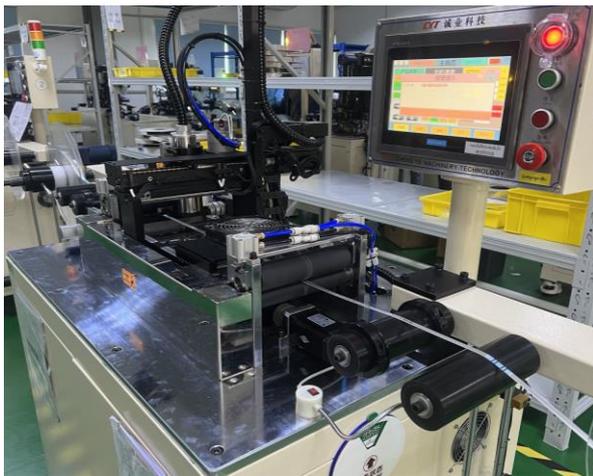
寮國廠區



寮國廠區



寮國廠區

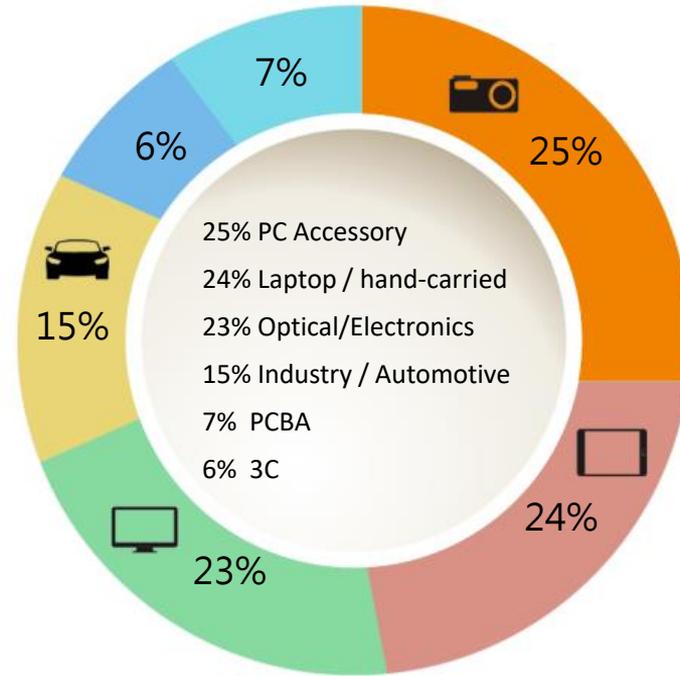


品質測試



東協目標產業

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



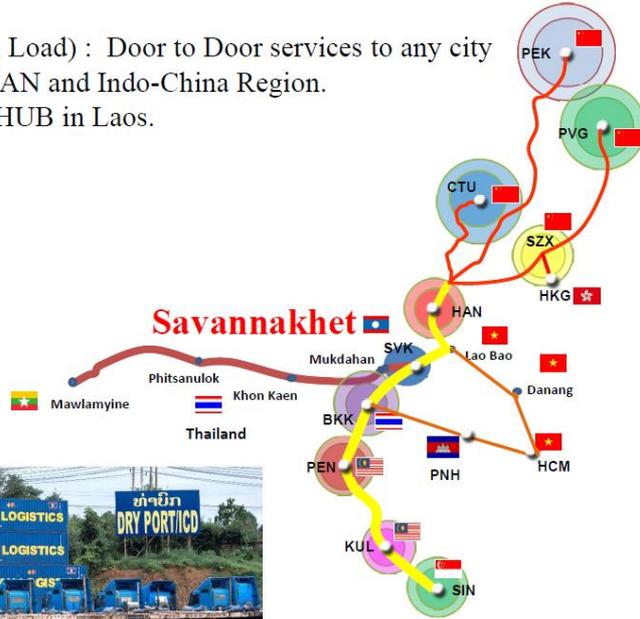
物流



EWEC & OBOR

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

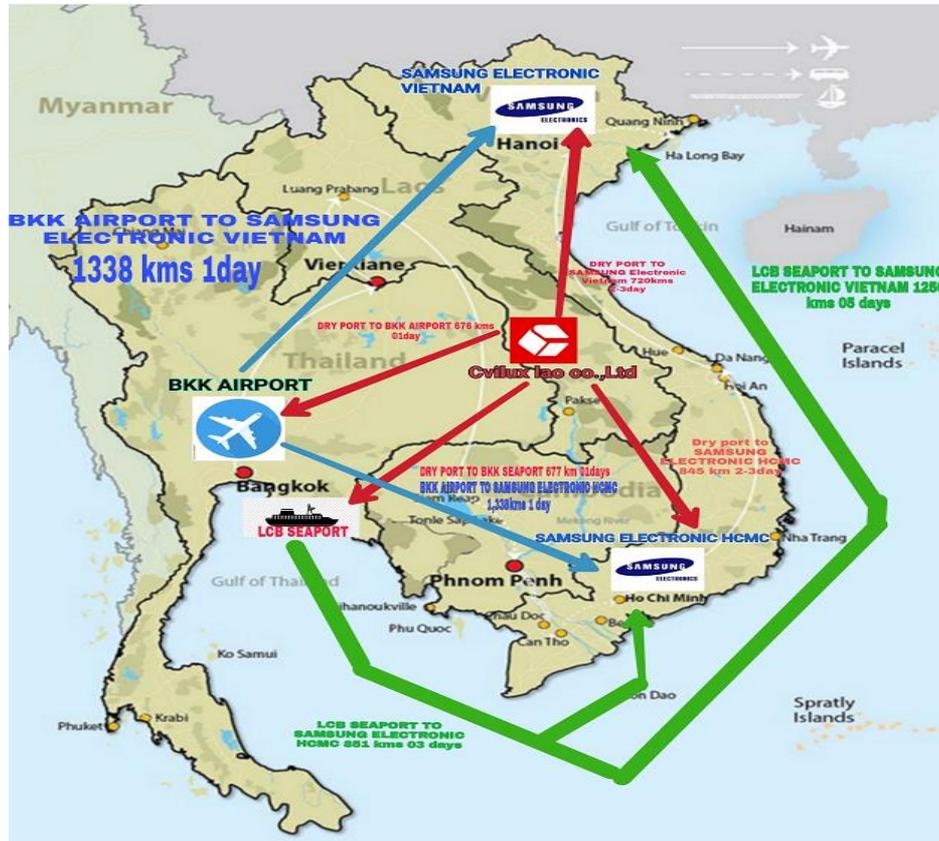
- Singapore
- Malaysia
- Thailand
- **Lao PDR**
- Vietnam
- China
- Cambodia
- Myanmar



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

寮國競爭優勢



- 空運
- 海運
- 陸運

瀚荃寮國廠位於東南亞大陸的中心位置

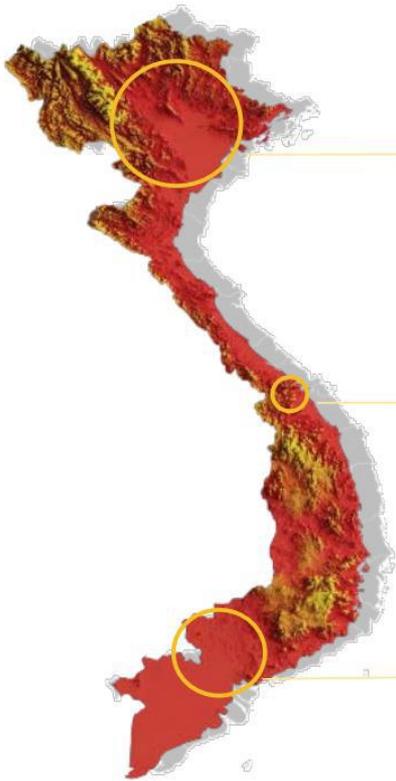


03 |

瀚荃越南介紹

CviLux Vietnam Introduction

越南區位描述



北越的電子工業聚落，自早期的河內-北寧-北江-海陽-海防工業帶向外沿伸，演變為以首都河內為中心，擴展到整個紅河三角洲 (Red Delta)。因應地緣政治及中美貿易戰的影響，近年來全球的電子大廠都陸續將生產重心轉移到北越電子帶。

主要城市: 河內 · 海防
共計23省, 185座工業區

因應北越區域的土地及用工漸趨飽和, 中越峴港以北到清化以南的區域將成為未來電子業發展的新區。目前已經開始有許多大集團在這個區域進行購地考察及評估。義安 · 河靜 · 峴港為此區域具投資優勢的區塊。

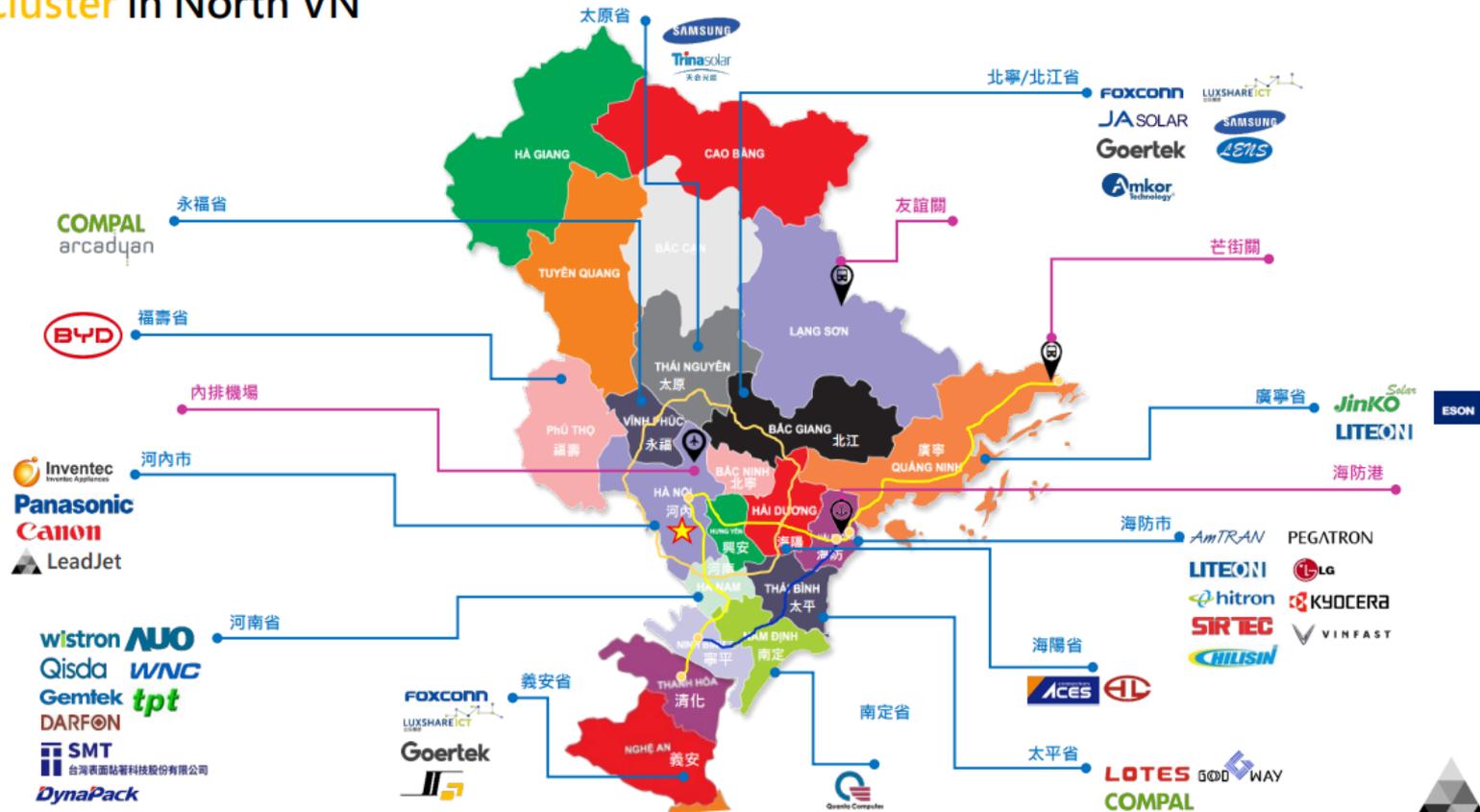
主要城市: 榮市(義安省) · 峴港
共計18省, 92座工業區

南越以胡志明市為中心往外作發展，主要的工業帶包含, 胡志明、平陽、同奈、美奈、頭頓等省份。此工業帶以早期進入的日韓電子廠為主。其中白色家電占了相當大比例。此外，位于越南最西南部的湄公河三角洲主要以農業及養殖業為主。

主要城市: 胡志明市 · 土龍木市(平陽省) ·
芹苴市(湄公河三角洲)
共計17省, 156座工業區

北越終端客戶

E-Cluster in North VN



越南廠區



瀚荃越南廠位於北寧
安豐Huyện Yên工業區
2,697m²

越南廠區



越南廠區



越南廠區





04

瀚荃馬來西亞介紹

CviLux Malaysia Introduction

馬來西亞廠基地



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 : lsteow@leoco-industries.com
Phone : 605-688 5616
Fax : 605-688 728

馬來西亞廠認證



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 | 1411 Ferguson Plaza Av. Suite 3102 SF, BC
 To verify the validity of this certificate, please visit: <http://www.leoco.com/qmsresearch.org>



Certificate of Compliance

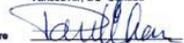
Certificate Number: LR 110268-1 **Date issued:** May 27, 1997

Revision: LR 110268-1

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

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

Issued By: Paul W. Chen, 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:

- Certified only for use as components of other certified assemblies where the suitability is determined by the Canadian Standards Associations.
- 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 Station
 333 Ferguson Ave.
 Northbrook, IL 60062-1000 USA
 Tel: 630.271.6000
 Fax: 630.271.6005
 E-mail: ul@ul.com

FILE: 3242707 Vol. 1 Issued: 1997-04-07
 Revised: 2008-01-03

FOLLOW-UP SERVICE PROCEDURE (TYPE 1)

COMPONENT - PROCESSED WIRE (SERVON, ENGLON)

Manufacturer: LEOCO INDUSTRIES SDN BHD
 NO 11-15 N 13 TAMAN MELATI
 SECTION, PERAK DARUL RIDZUAN
 32200 LUMUT MALAYSIA

Applicant: LEOCO INDUSTRIES SDN BHD
 (146711-001)

Recognized Company: LEOCO INDUSTRIES SDN BHD
 (146711-001)

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.

This 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.


Stephen Jacobus
 Chief Operating Officer

No endorsement or approval marking for a safety device with ongoing production and knowledge.



設備介紹

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

設備介紹

Other Equipments

Cut, Strip & Crimp Machine



Crimp Machine

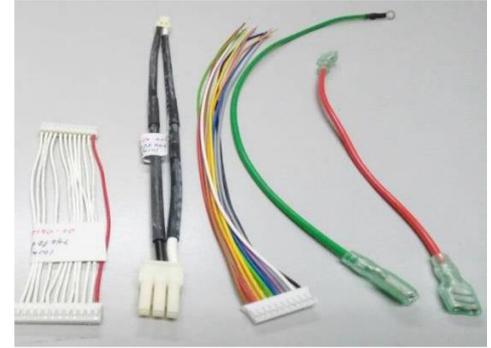


Kodera Tyco C511HX1A



Komax Gamma 255

線材類產品



Indirect Employees : 4 pax

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

馬來西亞主要客戶

SONY
make.believe

SAWA FUJI

DAIKIN
AIR CONDITIONING

SHARP

OLE
LUMINAIRES

K-One
innovate

 **KEYSIGHT**
TECHNOLOGIES

 **AOBA** CLOVER GROUP
AOBA Electronic Co., (M) Sdn. Bhd.

 **IWATSU**TM
VOICE NETWORKS

LTC Electronics (M) Sdn Bhd 628514-H

BanTKC
mod.berkas

W.I.S.D.O.M
PLUS

競爭優勢



全球各大EMS
廠合格供應商

01



運籌系統
資訊配套完整

02



完整國際品質
產業認證

03



財務健全
台灣股票上市公司

04



責任商業
聯盟認證RBA

05



全球銷售據點
廠區配套完整

06



THANK YOU

連接世界 | 減碳地球

Connect the World Conserve the Earth