



GigaDevice

# Logistic overview

MCU 欧美市场部

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# LMD Shipment Requirements

## LMD: Last Mile Delivery

### **1. Warehouse Address:**

Germany Allaufstr. 42, 85635 Höhenkirchen-Siegertsbrunn

### **2. Shipment contents:**

- Micro controller
- Electronics components/semiconductor IC

### **3. Business Type Distribution:**

- B2C: 10% B2B: 90%

### **4. Monthly Shipment Volume:**

As we are in the initial trial phase of setting up the Direct-to-Consumer (DTC) platform.

Approximately **50 to 200 shipments** per month with **Multi-Piece Shipments**.

## Est. LMD: Last Mile Delivery

### **1. Weight: 2kg, 5kg, 10kg, 15kg**

### **2. Regions:**

### **3. Germany, and all over the EU.**

- National: Germany
- Eastern EU: France
- Nordic EU: Finland
- Southern EU: Italy
- Western EU: Romania

# Insurance Coverage

Company	Freight +LMD	Cover up	Details
	V	Liability ≤ €500	<ul style="list-style-type: none"> <li>Cases of force majeure: Only Additional Insurance: €2,500 ~ €25,000</li> <li><b>Won't covered:</b> (Caused by the sender)</li> <li>Damage to parcels that were not dropped off at DHL retail outlets or handed over in person.</li> </ul>
	V	Covered ≤ €510	<ul style="list-style-type: none"> <li>The value declared ≤ \$50,000/package.</li> </ul>
	V	Covered ≤ \$100.	<ul style="list-style-type: none"> <li>FedEx Envelope or Pak: \$100/shipment</li> <li>Other services except freight: \$50,000/shipment</li> <li>Pay extra on Air Waybill above standard liability limits.</li> </ul>
	X	Covered ≤ €520	Higher insurance of up to €13,000 per parcel.
	X	Covered ≤ €750 /parcel	Liable for damages from loss or damage during parcel handling.
	X	Liability ≤ €500/parcel	<p><b>Won't covered:</b></p> <ul style="list-style-type: none"> <li>Damages in connection with the carriage of non-conditional consignments.</li> <li>Total loss presumed if consignment undelivered within specified timeframes.</li> <li>Liability excludes consequential losses like lost profit.</li> </ul>

## All companies won't covered:

- Natural properties of the contents, e.g. internal spoilage.
- Normal damage: Normal weight or volume reduction, or normal wear and tear of the contents.

# LMD: National Delivery

Company	Delivery method	Delivery date	2kg	5kg	10kg	15kg
	Standard	1-2 days	€ 5.75	€ 6.24	€ 6.85	€ 7.94
	DHL PAKET	Next Business day	€ 5.80	€ 6.76	€ 8.58	€ 13.29
	Euro Business Parcel	1-2 days	€ 3.38	€ 4.10	€ 4.54	€ 5.35
	National parcel shipping	1-2 days	€ 45.45	€ 96.40	€ 201.80	€ 317.70
	FedEx® Priority	End of business day	€ 7.06	€ 7.83	€ 7.83	€ 9.49
	Hermes	2-3 days	€ 4.35		€ 5.94	

Listing the most suitable one first, based on price, insurance, and delivery time.

# LMD: EU Delivery

Company						
Delivery method	UPS Standard	Parcel (EUROPAKET)	Euro Business Parcel	DPD CLASSIC (Europe)	Hermes	FedEx® Regional economy

Country	Company	Delivery days	2KG	5KG	10KG	15KG	Company	Delivery days	2KG	5KG	10KG	15KG	Company	Delivery days	2KG	5KG	10KG	15KG
France		1-5	€ 9.57	€ 10.33	€ 11.19	€ 12.80		2-6	€ 65.68	€ 132.18	€ 264.18	€ 396.18		2-3	€ 10.17	€ 11.18	€ 12.61	€ 13.86
Finland			€ 10.79	€ 11.65	€ 12.63	€ 14.52			€ 66.38	€ 133.68	€ 267.18	€ 400.68		3-5	€ 16.80	€ 18.40	€ 20.52	€ 24.90
Italy			€ 9.57	€ 10.33	€ 11.19	€ 12.80			€ 65.68	€ 132.18	€ 264.18	€ 396.18		3-7	€ 11.70	€ 12.78	€ 13.85	€ 15.01
Romania			€ 9.57	€ 10.33	€ 11.19	€ 12.80			€ 66.38	€ 133.68	€ 267.18	€ 400.68		3	€ 16.62	€ 18.32	€ 20.94	€ 22.25
France		1-4	€ 17.21	€ 19.12	€ 21.17	€ 24.52		2-6	€ 11.63	€ 14.18		2-4	€ 12.02	€ 12.02	€ 12.02	€ 13.65		
Finland			€ 26.04	€ 28.64	€ 31.29	€ 35.53							€ 14.81	€ 14.81	€ 14.81	€ 16.44		
Italy			€ 19.88	€ 21.99	€ 24.23	€ 27.89							€ 12.02	€ 12.02	€ 12.02	€ 13.65		
Romania			€ 42.46	€ 46.29	€ 50.87	€ 58.16							€ 14.81	€ 14.81	€ 14.81	€ 16.44		

Listing the most suitable from upper-left to right accordingly, based on price, insurance, and delivery time.

# APL Functions

Functions				
<b>Prep shipments</b>				
Address validation	V	V	V	V
Locators for shipping locations	V	V	V	
Best option: Compare Delivery service & shipping rate	V			
Determine time in transit	V	V	V	
<b>Create shipment</b>				
manage returns and cancel scheduled shipment	V	V	V ERP system	V
Dangerous good Acceptance	V	X	X	
Landing cost quoting	V			
Paperless Doc-e-billing	V	V- Discount	V	
Flexible pick-up process	V	V	V	V
Create label	V	V	V	V
<b>Manage shipment</b>				
Tracking	V Ups signature Tracking V €0.03>100 monthly shipment	V	V	V
Track Alert APIs		V	V	
Pre-notification- Dangerous goods	V	X	X	
Quantum view-Data	V			
Supply chain symphony_Transportation,warehouse, inventory.	V			
Saturday Delivery	V	V (No DE)	V Extra fee	V by request
Return label	V	V	V	V
Mailing Target-New Target	X	V	X	

# International Freight Requirements

## International Freight

1. **Export Address:** Hong Kong, Mongkok KL
2. **Warehouse Address:**  
Germany Altlaufstr. 42, 85635 Höhenkirchen-Siegertsbrunn
3. **Shipment Contents:**
  - Micro controller
  - Electronics components/semiconductor IC
4. **Shipment Size:**
  - **Each dimension:** 50x40x20(cm)  
about cellphone box size.
5. **Shipment Volume and Value:**
  - Weight for one Loose/Box: around **15 KG**
  - Cargo value: **\$ 15,000**

## Est. International Freight

1. **Movement Type:** Door-to-Door
2. **Measure:** 50\*40\*20
3. **Est. Total Units:** 300
4. **Total Pieces of Loose/Box:** 25
5. **Total Volume:** 1 m<sup>3</sup>
6. **Total Weight:** 375kg

# International Freight Comparison



International Air Freight

Efficient

8 days

USD 15,000.00

USD 73.20 per SHPT

USD 2,704.84

EORI number, German customs number, Power of Attorney and contact details, Billing term f/d (no COD possible)



DHL Express

Inefficient

Option 1

Customer Service

Option 1

Est. Transit Time

Option 2

Insure Cargo Value

Option 3

Custom Brokerage

Option 4

Est. Total Shipment

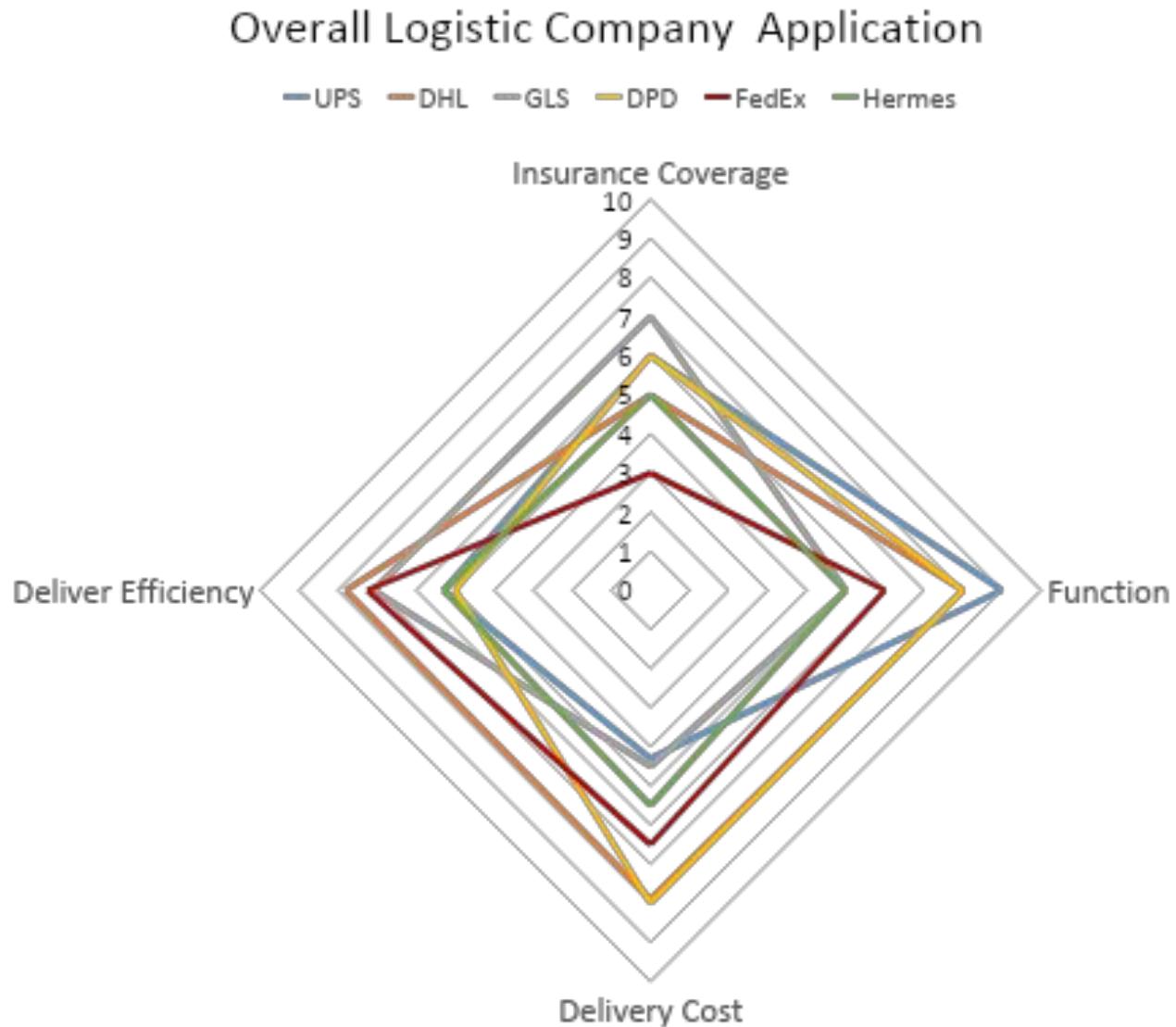
Option 5

Clearance Information

# International Freight Documents

	Company	UPS	DHL
Import Documentation	Certificate of Origin	V	
	Declaration of Conformity	X	
	Import Control System 2 (ICS2)	V	
	Import License		
	Product safety- Declaration of Conformity		
Export Documentation	MSDS-NON DG	V	
	German tax statement (monthly/quarterly VAT return)		
	Proof of other payments that apply in Germany		
	A reference to the respective marketplace shop as well as the sales price stated for the commodities on this platform.		
Other if necessary	Aircraft parts with airworthiness certificate (LTB)		
	Samples goods		
	Post Office Boxes		
Billing	Shipping	V	
	Duties and Taxes	V	
	Split Duty And VAT (SDV)	V	

# Proposed Solutions



International  
Freight



LMD:  
Last Mile  
Delivery

