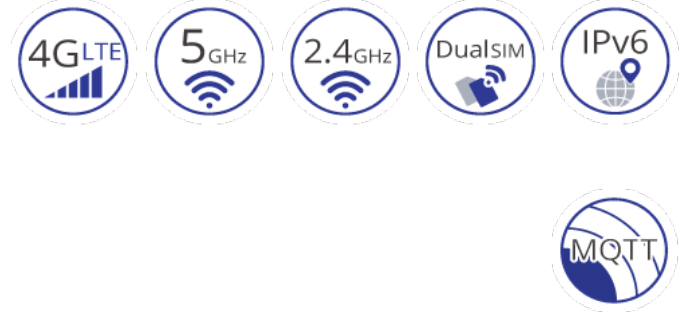


## EW200 系列

工業級 LTE Cellular 行動通訊及WiFi 閘道器



Microsoft  
Azure  
Certified



## 產品介紹

EW200為一款智慧型工業級行動通訊閘道器，針對公共基礎建設及各類工業應用環境設計安全。內建四組高速乙太網路傳輸埠，提供高速可靠的資料傳輸，即時IT斷線警告，最適合遠端安全監控管理。

多種通訊協定介面：無線、乙太網路、串列訊號和digital I/O供最佳傳輸品質，可滿足多種應用環境。符合全球LTE通訊標準，可快速佈建易於管理的遠距行動通訊網路架構。

[EW200 Series Industrial LTE Cellular Gateway](#)

## 產品亮點

### 多元介面彈性搭配

- » 提供乙太網路、串列I/O(RS232/RS485)及支援業界最普遍的通訊協定Modbus TCP 以利串接各式周邊裝置
- » 虛擬COM可存取、控制及管理連接之串列設備
- » 完美應用於M2M(機器對機器) 及IIoT(工業物聯網)應用架構

### 可靠、不間斷的傳輸品質

- » 雙SIM卡設計，可支援行動傳輸備援
- » Fail over管理機制確保網路穩定可靠度
- » 支援Gigabit 乙太網路、內建備援協定VRRP及回復機制，使遠端設備和控制中心在安全防護下提供可靠的行動通訊

### 全面資安防護

- » 支援IPSec, OpenVPN, PPTP, L2TP, VPN。可同時建立多達16個VPN通道，最大流量可達100Mbps(IPSec)

### 工業等級設計

- » IP30、無風扇、金屬外殼設計
- » 支援-30到70°C操作溫度
- » 雙電源輸入備援機制(透過端子台)

## 頻率段

Skus Code	4G LTE		3G	2G	地區
	FDD LTE	TDD LTE	WCDMA	GSM/EDGE	
<b>TA</b>	B1(2100)/ 3(1800)/ 4(AWS)/ 5(850)/ 7(2600)/ 8(900)/ 28(700 APT)	B40(2300)	B1(2100)/ 2(1900)/ 5(850)/ 8(900)	B2(1900)/ 3(1800)/ 5(850)/ 8(900)	<b>Taiwan</b>
<b>EUS</b>	B1(2100)/ 3(1800)/ 5(850)/ 7(2600)/ 8(900)/ 20(800)	B38(TD 2600)/ 40(TDV 2300)/ 41(TD 2500)	B1/ B5/ B8	B3(1800)/ 8(900)	<b>EU, Vietnam, Thailand</b>

## 產品規格

### Cellular Interface

#### 標準

- Cellular Frequency Bands: (Please see order information for optional band)
- LTE Cat. 4: FDD-LTE, TDD-LTE, Transfer rate (max):  
LTE FDD: 150Mbps down; 50Mbps up  
LTE TDD: 130Mbps down; 35Mbps up
- 3G: WCDMA, Transfer rate (max): 42Mbps down; 5.76Mbps up
- 2G: GSM/EDGE, Edge Transfer rate (max): 236.8Kbps down & up

#### Antenna connector

- 2 x SMA Female

#### SIM Slot

- 2
- 

### WLAN Interface

#### WiFi

- 802.11 a/b/g/n/ac 2T2R (2.4G/5GHz selectable)

#### Frequency Band

- Europe CE 2.4GHz (13 channels) 5GHz (4 channels)
- America FCC 2.4GHz (11 channels) 5GHz (9 channels)
- Taiwan NCC 2.4GHz (11 channels) 5GHz (9 channels)
- Singapore iDA 2.4GHz (13 channels) 5GHz (9 channels)
- Japan TELEC & JATE 2.4GHz (13 channels) 5GHz (19 channels)

#### Encryption Security

- WEP, WPA 1/2-PAK & WPA 1/2 (8 x VAP/SSID)

#### Antenna Connector

- 2 x SMA Male
- 

### Ethernet

## 標準

- IEEE 802.3 10Base-T
- IEEE 802.3u 100BASE-TX/100BASE-FX
- IEEE 802.3ab 1000BASE-T
- IEEE 802.1x, Full duplex flow control

## Ports

- 1 x RJ45 GE (WAN/LAN configurable) +4 x RJ45 GE

## Physical Layer

- 10/100/1000Base-T
- 

## Serial

### Ports

- 1 x RS232/RS485
- 

## I/O

### DI/DO

- 1 x Digital In ("Logic 0": 0-2V, "Logic 1": 5V-30V)
  - 1 x Digital Out (Relay Mode, up to 30V/1A)
- 

## USB

### 標準

- USB 2.0

### Ports

- 1 x USB Type A
- 

## Functions

### WiFi LAN

- AP Router, WDS, WDS Hybrid Modes

### VLAN

- Port-based, Tag-based VLAN

### Port Forwarding

- Virtual Server/Computer, DMZ Host, PPTP/L2TP/IPSec Pass-through

### **Routing**

- Static, Dynamic: RIP1/RIP2, OSPF, BGP

### **QoS**

- Policy-based Bandwidth Control and Packet Flow Prioritization

### **VPN**

- IPSec, OpenVPN, PPTP, L2TP, GRE

### **Firewall**

- SPI Firewall with Stealth Mode, IPS

### **Event Engine/Event Handling**

- Managing/Notifying Events: DI, DO, Modbus, SMS, Syslog, SNMP Trap, Email Alert, Reboot

### **Device Management Solution**

- eVue (Q1, 2019)
- 

## **Field Communication**

### **Virtual COM**

- RFC2217, TCP Client, TCP Server, UDP

### **Modbus**

- Gateway for Modbus TCP, Modbus RTU/ASCII Master/Slave Access
- Slave for Device Status/Information Access

### **Data Interchange**

- OPC UA Server, MQTT Broker, MQTT Client

### **Data Logging**

- Sniffer, Off-line/Full-time Proxy, Mixed modes
- 

## **電源**

### **輸入電壓**

- DC 12V-48V (Terminal Block)

#### 電力功耗

- 25W Max.
- 

#### 機構

##### 尺寸

- 62 x 135 x 160mm (with DIN-Rail kit)

##### 重量

- 1.2Kg (2.64lb)

#### 安裝方式

- DIN-Rail
- 

#### 環境

##### 工作溫度

- -30 to 70°C (-22 to 158°F)

##### 儲存溫度

- -40 to 85°C (-40 to 185°F)

##### 工作濕度

- 5% to 95% (無凝結)
- 

#### 通過認證

##### Safety

EN 60950-1

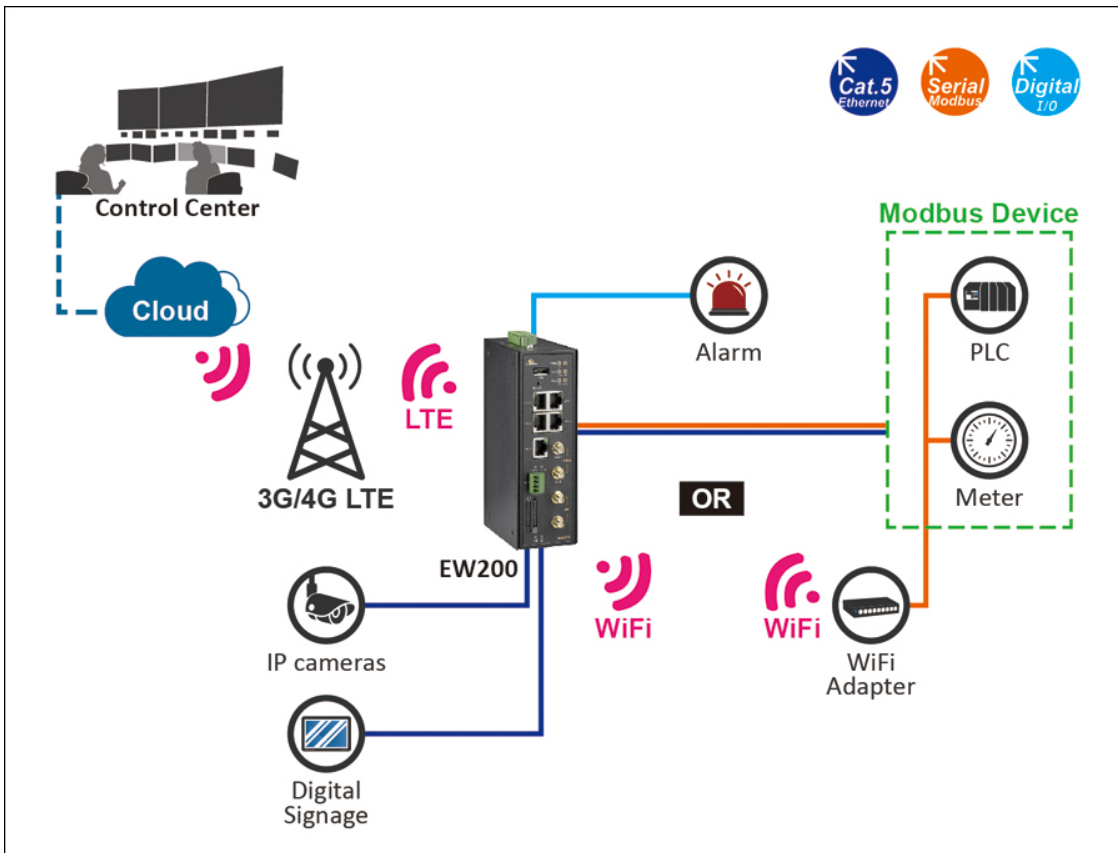
EN 62368-1: 2014

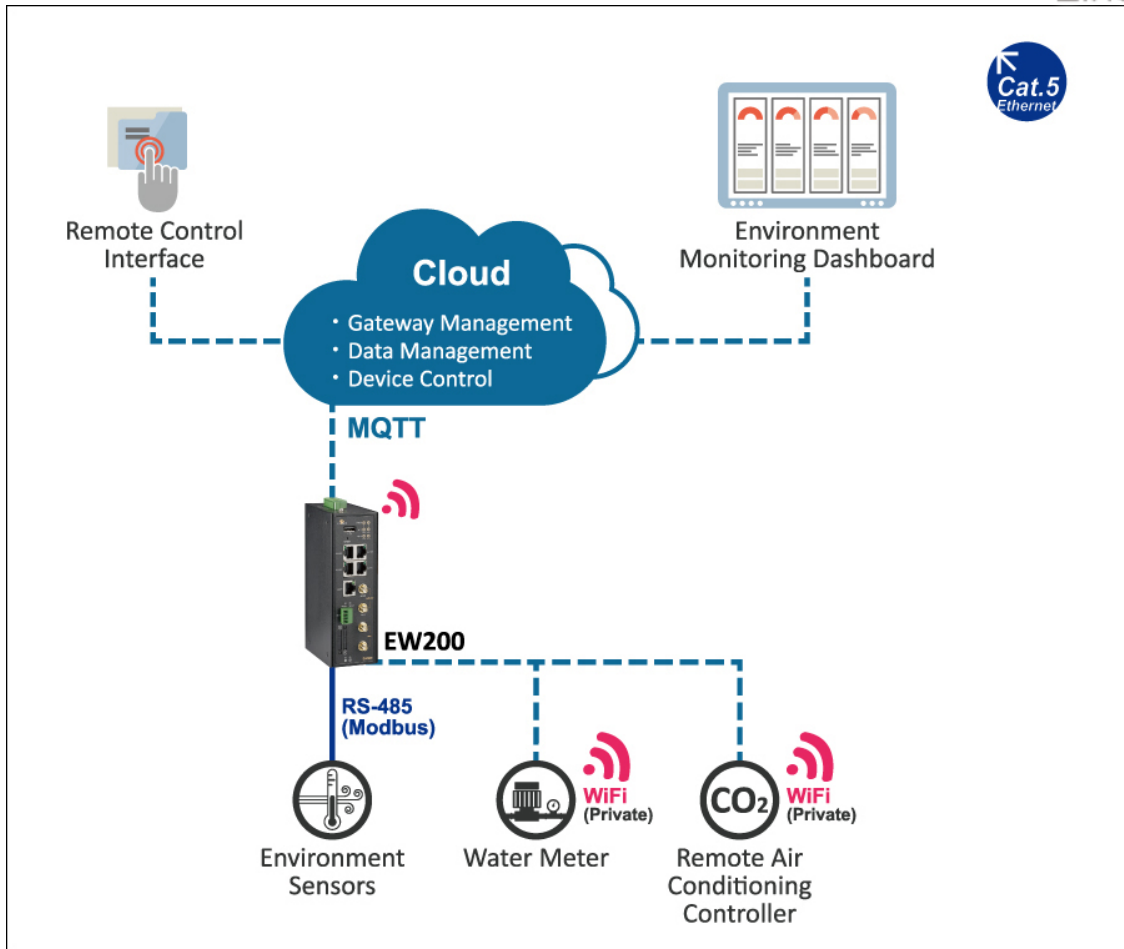
##### Emissions/Immunity

CE/NCC BSMI/NBTC

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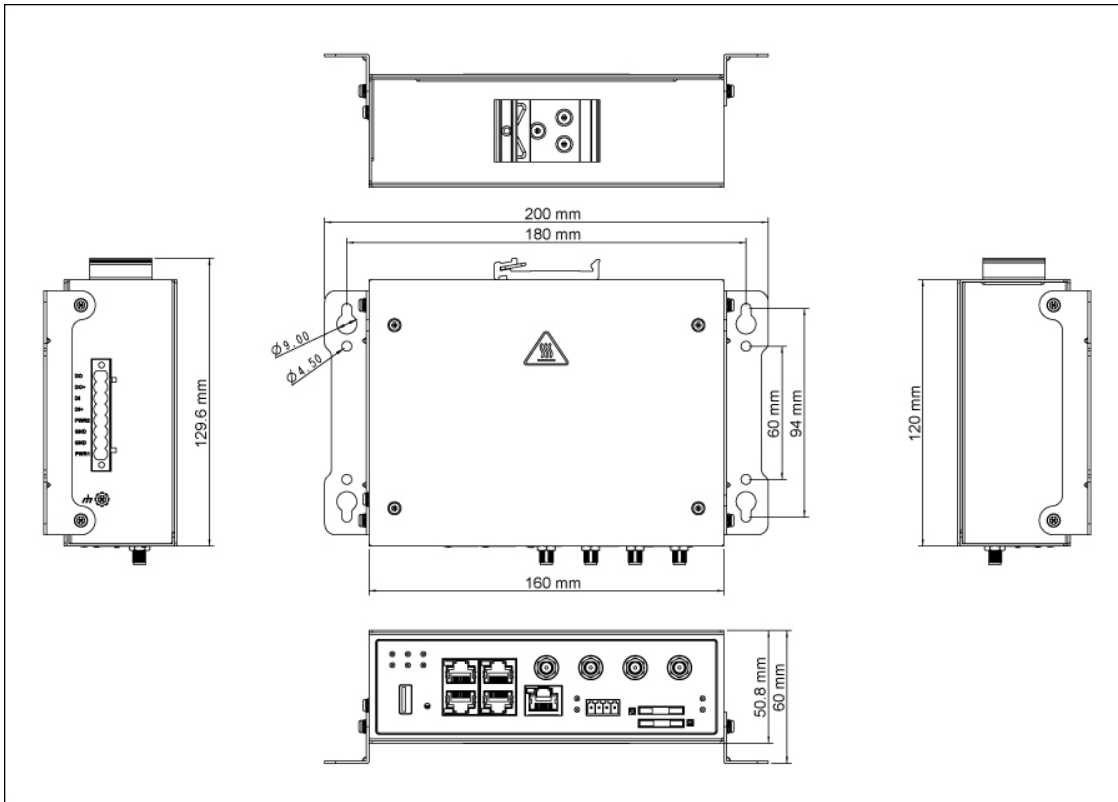
## 產品應用圖







# 產品尺寸圖






## 訂購型號

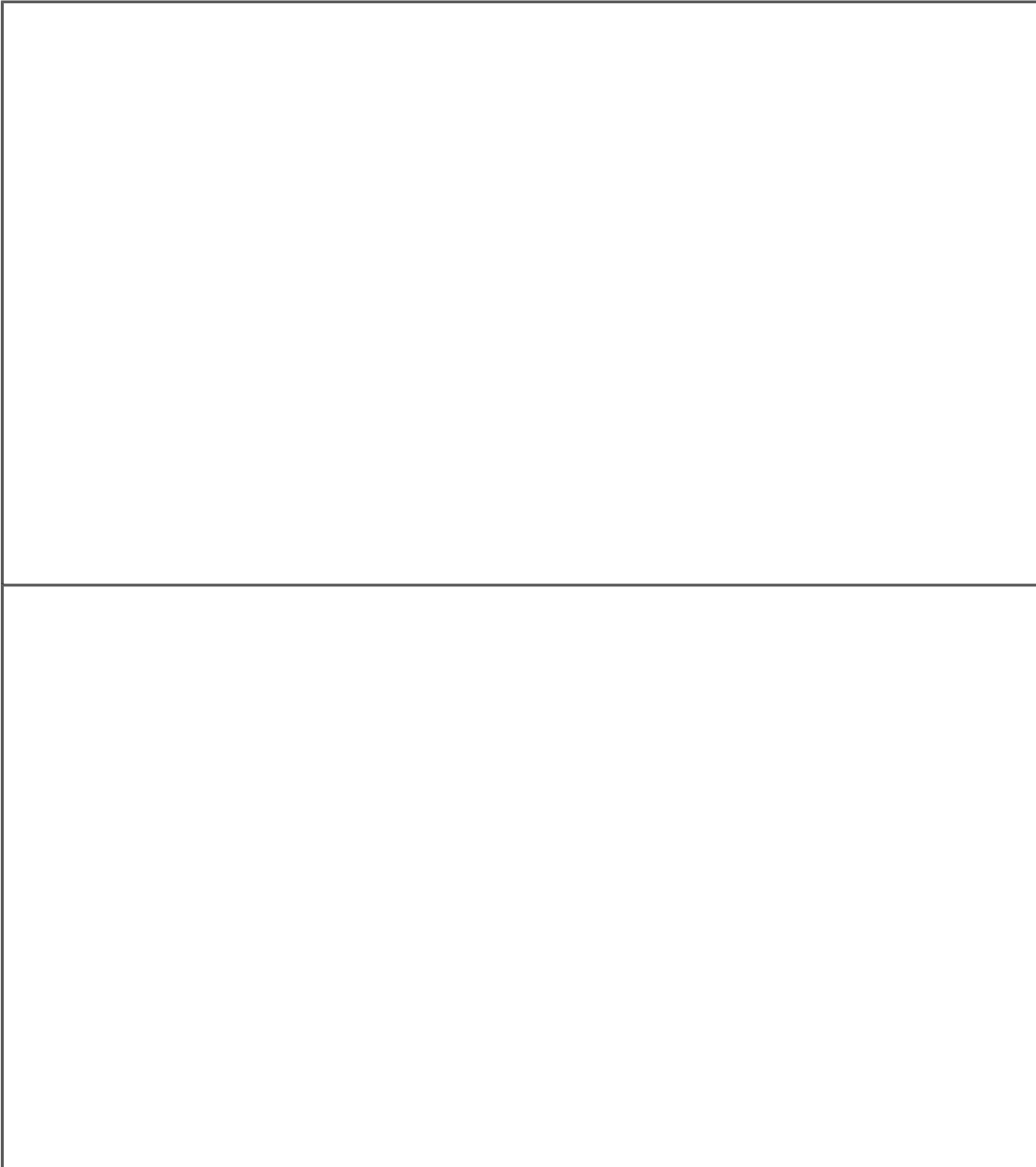
### 型號

<b>EW200-EUS</b>	Industrial LTE Cellular Gateway-EUROPE & SOUTH ASIA
<b>EW200-TA</b>	Industrial LTE Cellular Gateway-TAIWAN

### Optional Accessories

GWAP-2		Item	Amount	Frequency	Description	Note	
		LTE	2	698-960/ 1710-2170/ 2300-2690MHz	Cellular Omni Antenna, N/female Jack Bulkhead	IP67	
		Wi-Fi Antenna	2	2.4-2.5/ 4.9-5.9GHz	Wi-Fi Omni Antenna, N/female Jack	IP67	
		Surge Protector	4	-	0-6GHz Surge Lightning Protector, N/female Jack Bulkhead To N/male Plug	IP67	
		Bracket	4	-	-	-	-
		Wi-Fi Cable	2	-	SMA/female Plug (reverse) To N/male Plug with NFC200 Cable	-	
		LTE Cable	2	-	SMA/male Plug To N/male Plug with NFC200 Cable	-	
P/N.	Image	Item	Amount	Frequency	Description	Note	
W96G-GY113HT46		Cellular Antenna Base	1	-	This antenna base can be used on EW50 / EW200 / AiR PACE LTE antenna to extend 1.5M. Each model needs 2 antenna bases. This antenna base is not IP67.	-	
W96G-11361Y50V		Wall Mount Kit	1 set	-	1 set package includes 2 wall mount (Right side & Left side) & 4 pcs screws	-	

## 影片





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