

Product Information for Customs – Cisco Meraki MR86 (for tariff code 8517 69 90)

Product Name:

Cisco Meraki MR86 (part number MR86-HW)

Type of goods: Cloud-managed WiFi 6 outdoor access point with external antennas / Apparatus for the transmission and reception of data in communication networks

Detailed Product Description:

The Cisco Meraki MR86 is an apparatus designed for the transmission, reception, switching and routing of voice, images or other data in wireless and wired communication networks. The product functions as a high-performance ruggedized outdoor wireless access point with IP67 rating, 4x4:4 MU-MIMO and external antenna connectors for maximum range and throughput. Its main function is to enable efficient and secure wireless data transmission within a network, which exactly matches the description in tariff code 8517 69 90.

Technical Specifications Supporting the Classification:

- Dual-band 802.11ax (WiFi 6) outdoor access point with 4x4:4 MU-MIMO
- Four radios: 2.4 GHz, 5 GHz, dedicated WIDS/WIPS security radio, and Bluetooth Low Energy
- Up to 3.0 Gbps aggregate frame rate (2,402 Mbps at 5 GHz + 574 Mbps at 2.4 GHz)
- 1x 100/1000/2.5G BASE-T Ethernet (RJ45) port
- Power over Ethernet: 802.3at compatible, max 30W consumption
- External antenna connectors (compatible with MA-ANT-20/25/27)
- IP67 environmental rating, cloud-based management via Meraki Dashboard

Intended Use:

Used in outdoor environments such as parking lots, stadiums, campuses, warehouses and industrial sites to provide high-performance wireless network connectivity. The product is not a telephone, not a videophone, not an entry-phone system and not a radiotelephony receiver – it is a dedicated outdoor wireless network access point for data handling in LAN/WAN.

Classification according to the tariff schedule:

The product falls under 8517 69 90 because it is an apparatus for the transmission/reception of data in a communication network and is not covered by more specific subheadings (e.g. 8517 69 10–30). This is consistent with how several European suppliers already classify and declare this exact model.