4MI-G402P-BT

PoE HUB | Unmanaged PoE Ethernet Switch

Model-specific technical specification

DOCUMENT NO.	REVISION	RELEASE DATE	DOCUMENT STATUS
DS-G402P-BT-KR	Rev. A	2026-09-16	TECHNICAL DATASHEET



01. TECHNICAL SUMMARY

Parameter	Specification	Parameter	Specification
Access Interfaces	6 x RJ45 (4 PoE++)	**Uplink**	2 x RJ45
Switching Capacity	12 Gbps	**Forwarding Rate**	8.93 Mpps
MAC / PoE Budget	2K / 144W	**Power Supply**	DC 48V, 144W
Dimensions	118 × 95 × 28 mm	**Operating Temp.**	-10 - 60 °C

Product Description

4MI-G402P-BT은 CCTV, 무선 AP 및 PoE 단말에 데이터와 전원을 함께 제공하는 비관리형 PoE 스위치입니다. 별도의 관리 소프트웨어 설정 없이 네트워크를 구성할 수 있습니다.

RJ45 6포트 중 4포트에서 PoE 전원을 공급하며, RJ45 2포트를 업링크로 사용할 수 있습니다. 스위칭 용량은 12Gbps, 포워딩 성능은 8.93Mpps이며, PoE budget은 144W입니다.

1–4번 포트에서 IEEE 802.3af/at/bt를 지원하며 포트당 최대 90W를 공급합니다.

02. HARDWARE SPECIFICATIONS

Electrical, interface, performance, mechanical and environmental ratings

Category	Parameter	Value / Rating
Interface	10/100/1000BASE-T RJ45	6 ports (4 PoE++)
Interface	SFP	N/A
PoE	IEEE 802.3bt (90 W)	Ports 1 - 4
PoE	IEEE 802.3af/at (15.4/30 W)	Ports 1 - 4
Performance	Switching capacity	12 Gbps
Performance	Forwarding rate	8.93 Mpps
Performance	Cache (M, catalog unit)	2
System	MAC address table	8K entries
Operation	DIP switch / OLED	N/A / N/A
Protection	Surge protection	4 kV, 8/20 μs
Mechanical	Dimensions (W x D x H)	118 × 95 × 28 mm
Mechanical	Weight	0.35 kg
Environment	Operating temperature	-10 - 60 °C
Environment	Storage temperature	-40 - 75 °C
Environment	Relative humidity	5 - 90%, non-condensing
Power	Input rating	DC 48V, 144W (Option : DC 48V, 240W)
Power	Power supply	DC 48V, 144W (Option : DC 48V, 240W)
Power	Power consumption	6 W no-load / 144W full-load
Reliability	Protection level	IP30
PoE	PoE budget	144 W (Option : 240W)

Notes

- PoE budget 은 144W 입니다. 포트별 최대 출력과 장비 전체 전력 한도를 함께 확인하십시오.
- VLAN / PoE Extend 모드는 카탈로그상 N/A입니다.
- 전원 어댑터 및 설치 부속품의 포함 여부는 주문 및 출고 구성에 따라 확인하십시오.

03. OPERATIONAL FEATURES

Unmanaged PoE HUB features; availability is specified by model

Function Group	Supported Functions	Remarks
Operation	Unmanaged; plug-and-play data and PoE connectivity	Model specific
Switching	Store-and-Forward; automatic MAC address learning and aging	Series feature
PoE Standards	IEEE 802.3af/at/bt	Total budget applies
PoE Output	Ports 1-4: up to 90 W	144 W total (Option : 240W)
DIP Switch	N/A	Model listed
VLAN Isolation	N/A	Model listed
Extend Mode	N/A	Model listed
OLED Display	N/A	Model listed
Console	N/A	Unmanaged model
Optical Interface	N/A	Model listed
Surge Protection	4 kV, 8/20 μs	Model listed
Reliability	IP30 protection level	Model listed

Reference basis

Reference	Coverage
4MITECH Product Catalog	4MITECH_Product_Catalog_N.pdf
Product scope	PoE HUB Series; printed pp. 39-43 (PDF pp. 40-44)
Feature scope	4MI-G402P-BT specifications; model-specific unmanaged functions

04. MECHANICAL, ORDERING & COMPLIANCE

Installation data, order code, package contents and document control

Mechanical & Installation

Parameter	Requirement / Value
Chassis height	28 mm
Chassis dimensions	118 × 95 × 28 mm (W x D x H)
Weight	0.35 kg
Environment	-10 - 60 °C; 5 - 90% RH, non-condensing

Ordering Information

Order Code	Description	Power Configuration
4MI-G402P-BT	4-port PoE++ unmanaged switch	DC 48V, 144W (Option : DC 48V, 240W)

Supply Configuration

Component	Configuration	Remarks
Switch chassis	4MI-G402P-BT	6 RJ45; 4 PoE++
Power adapter	DC 48V, 144W	Confirm order configuration
Optical modules	N/A	No optical interface
Accessories	Order dependent	Confirm with supplied package

Document References

Document	Reference
4MITECH Product Catalog	4MITECH_Product_Catalog_N.pdf; printed pp. 39-43; hardware p. 42
Test Report	Provided separately
Mechanical Drawing	Provided separately

Revision History

Rev.	Date	Description
A	2026-09-16	Initial model-specific datasheet