

# IS170 Gigabit L2 Unmanaged Access Switch Datasheet

## Overview

IS170 series full gigabit unmanaged Ethernet switch products support line-speed forwarding of all ports. The product is highly integrated, light and easy to operate, and is suitable for medium and large enterprises. It adopts storage and forwarding technology, combined with dynamic memory allocation, to ensure effective allocation to each port. At the same time, it has flow control to ensure that the node can avoid packet loss as much as possible when transmitting and receiving. Based on gigabit network technology, the maximum efficiency of network transmission bottleneck is avoided, which reflects a strong advantage in the use of network resources with great demand and has good network adaptability. It adopts Green Ethernet Technology (802.3az) to effectively reduce energy consumption and protect the environment without reducing the operation performance and efficiency of the equipment by detecting the cable length and workload and automatically adjusting the signal strength.

IS170-8TF-AC: 8\*10/100/1000M electrical ports; all ports support line-speed forwarding, plug and play, AC power supply.

IS170-10TP-AC: 8\*10/100/1000M electrical ports, one 1000M SFP optical port, one 10/100/1000M electrical port, PoE enable, plug and play, AC power supply.

IS170-26TF-AC: 24\*10/100/1000M electrical ports , two 1000M SFP optical port, all ports support line-speed forwarding, plug and play, AC power supply.



IS170-8TF-AC



IS170-10TP-AC



IS170-26TF-AC

# Key Features

## Non-blocking high-speed forwarding on all ports

- All electrical ports support 10/100/1000M adaptive, line-speed forwarding
- Meet IEEE 802.3, IEEE 802.3u, IEEE 802.3ab, IEEE 802.3x, IEEE 802.3az standards
- Adopt the exchange mechanism of storage and forwarding to ensure the reliability of data transmission

# Product Specifications

Product Model	IS170-10TP-AC	IS170-8TF-AC	S170-26TF-AC
<b>Physical ports</b>	8*10/100/1000M electrical ports, one 1000M SFP optical port, one 10/100/1000M electrical port	8*10/100/1000M electrical ports	24*10/100/1000M electrical ports, two 1000M SFP optical port
<b>Power consumption</b>	≤150W	≤5.2W	≤15W
<b>POE</b>	802.3at/af 120W	N/A	N/A
<b>Power supply</b>	Input voltage (AC): 100V ~ 240V, 50Hz ~ 60Hz		
<b>Temperature</b>	Work temperature: -0°C ~ 45°C		
	Storage temperature: -40°C to 70°C		
<b>Humidity</b>	Work humidity: 10% ~ 90%, no-condensing		
	Storage humidity: 5% to 95%, no-condensing		
<b>Standards and protocols</b>	IEEE 802.3i, IEEE 802.3u, IEEE 802.3ab, IEEE 802.3x, IEEE 802.3az		

# Order Information

Product Model	Description
<b>IS170 series host</b>	
S170-26TF-AC	24*10/100/1000M electrical ports, two 1000M SFP optical port, plug and play, AC power supply.
IS170-10TP-AC	8*10/100/1000M electrical ports, one 1000M SFP optical port, one 10/100/1000M electrical port, PoE enable, plug and play, AC power supply.
IS170-8TF-AC	8*10/100/1000M electrical ports, plug and play, AC power supply.

All rights reserved. Printed in the People's Republic of China.

No part of this document may be reproduced, transmitted, transcribed, stored in a retrieval system, or translated into any language or computer language, in any form or by any means, electronic, mechanical, magnetic, optical, chemical, manual or otherwise without the prior written consent of Maipu Communication Technology Co., Ltd.

Maipu makes no representations or warranties with respect to this document contents and specifically disclaims any implied warranties of merchantability or fitness for any specific purpose. Further, Maipu reserves the right to revise this document and to make changes from time to time in its content without being obligated to notify any person of such revisions or changes.

Maipu values and appreciates comments you may have concerning our products or this document. Please address comments to:

*Maipu Communication Technology Co., Ltd*

No.288, Tianfu 3rd Street

Hi-Tech Zone

Chengdu, Sichuan Province

P. R. China

610041

Tel: (86) 28-65544850,

**Fax:** (86) 28-65544948,

**URL:** [http:// www.maipu.com](http://www.maipu.com)

**Email:** [overseas@maipu.com](mailto:overseas@maipu.com)

All other products or services mentioned herein may be registered trademarks, trademarks, or service marks of their respective manufacturers, companies, or organizations.