

I/SFP-MiniGBIC Transceiver

User Manual

LX, SX, SR, LR



Aug. 9, 2021

Ver. 1.0

Copyright & Disclaimer

No part of this publication may be reproduced in any form or by any means, whether electronic, mechanical, photocopying, or recording without the written consent of AirLive Technology Corp.

AirLive Technology Corp has made the best effort to ensure the accuracy of the information in this user's guide. However, we are not liable for the inaccuracies or errors in this guide. Please use with caution. All information is subject to change without notice

All Trademarks are properties of their respective holders.

Disposal


	<p>This marking indicates that this product should not be disposed with other household wastes throughout the EU. To prevent possible harm to the environment or human health from uncontrolled waste disposal, recycle it responsibly to promote the sustainable reuse of material resources. To return your used device, please use the return and collection systems or contact the retailer where the product was purchased. They can take this product for environmentally safe recycling.</p>
---	---



Table of Contents

1. Overview.....	2
1.1 Adding to Module to a Switch.....	3
1.2 Specifications	4

1

Overview

			
ISFP-LR-10G-10KM	ISFP-LX-1.25G-20KM	ISFP-SR-10G-300M	SFP-LR-10G-10KM
			
SFP-LX-1.25G-20KM	SFP-LX-2.5G-20KM	SFP-SR-10G-300M	SFP-SX-1.25G-500M

The AirLive ISFP and SFP modules are high performance and cost-effective modules for serial optical data communication applications specified for single and multi-mode ranging in speed from 1.25 Gb/s, 2.5 Gb/s to 10Gb/s. Depending on the model they are either Single mode or Multi Mode which operates at a nominal wavelength of 1310nm or 850nm. The module is a duplex LC connector transceiver designed for use in Gigabit Ethernet applications and to provide IEEE802.3z compliant link from applications and IEEE802.ae for 10Gigabit Ethernet connections.

1.1 Adding to Module to a Switch

First time adding, make sure your switch has a SPF slot into which the SPF module can be placed. Slide the module straight into the SPF slot unit it clicks into place. When it does not click it means the module was not pushed inside far enough. Once the module is inside the switch your fiber cable can be connected and its ready for use.



1.2 Specifications

				
Model	ISFP-LR-10G-10KM	ISFP-LX-1.25G-20KM	ISFP-SR-10G-300M	SFP-LR-10G-10KM
Mode	Single Mode dual fiber LR	Single Mode dual fiber LX	Multi Mode dual fiber SR	Single Mode dual fiber LR
Wavelength	1310nm	1310nm	850nm	1310nm
Speed	10G	1.25G	10G	10G
Distance	10KM	20KM	300M	10KM
DDM Function	Yes	Yes	Yes	Yes
Operating Temperature	-40°C to +85°C	-40°C to +85°C	-40°C to +85°C	0°C to +70°C
				
Model	SFP-LX-1.25G.20KM	SFP-LX-2.5G-20KM	SFP-SR-10G-300M	SFP-SX-1.25G-500M
Mode	Single Mode dual fiber LX	Single Mode dual fiber LX	Multi Mode dual fiber SR	Multi Mode dual fiber SX
Wavelength	1310nm	1310nm	850nm	850nm
Speed	1.25G	2.5G	10G	1.25G
Distance	20KM	20KM	300M	500M
DDM Function	Yes	Yes	Yes	Yes
Operating Temperature	0°C to +70°C	0°C to +70°C	0°C to +70°C	0°C to +70°C

For more detailed specifications please see the datasheet of each separated module.
The datasheets can be found online on www.airlive.com

**** Specifications are subject to change and improvement without notice.**