

NUCLEUS SFP Series

Copper RJ45 SFP+ Transceivers



NUCLEUS
AV OVER IP - SIMPLIFIED

EvertzAV's NUCLEUS is an AV over IP platform developed exclusively for enterprises looking for the highest in quality and reliability while maintaining a simplified user experience.

Simple Plug and Play Technology

EvertzAV offers three different RJ45 SFP+ transceivers for use with the NUCLEUS platform: the UXP-SFP2-1G-T 1000BASE-T SFP+ module, the UXP-SFP-2G5-T 2.5GBASE-T SFP+ module, and the UXP-SFP-10G-T 10GBASE-T SFP+ module. All are low power, high performance, hot pluggable copper SFP+ transceivers. Based on your enterprise's network infrastructure, simply install the respective SFP+ modules into the SFP+ ports of the UXP AV Gateways.

IEEE 802.3 Compliant

EvertzAV's NUCLEUS series of SFP+ transceivers meet the IEEE 802.3 standards for RJ45 transceiver modules. The NUCLEUS series of SFP transceivers can be reliably deployed in accordance to the IEEE 802.3 standard for worry-free operation. To obtain more technical details regarding IEEE 802.3, please refer to the IEEE 802.3 standard available online.

Specifications

	UXP-SFP2-1G-T	UXP-SFP-2G5-T	UXP-SFP-10G-T
Standard	1000BASE-T	2.5GBASE-T	10GBASE-T
Connector	RJ45	RJ45	RJ45
Maximum Bit Rate	1.25 Gb/sec	2.5 Gb/sec	10 Gb/sec
Supported Cable	Category 5e	Category 5e	Category 6a/Category 7
Cable Distance	100m	100m	30m
Power Supply	Single +3.3V	Single +3.3V	Single +3.3V
Operating Temperature	23° to 158° F (-5° to 70° C)	32° to 149° F (0° to 65° C)	32° to 158° F (0° to 70° C)
Storage Temperature	-40° to 185° F (-40° to 85° C)	-40° to 185° F (-40° to 85° C)	-40° to 185° F (-40° to 85° C)
Relative Humidity	5% to 95% RH (non-condensing)	5% to 90% RH (non-condensing)	5% to 95% RH (non-condensing)

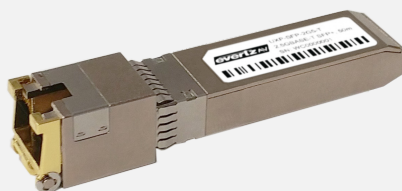
Ordering Information

UXP-SFP2-1G-T	SFP+, 1000 BASE-T RJ45, 100m
UXP-SFP-2G5-T	SFP+, 2.5G BASE-T RJ45, 100m
UXP-SFP-10G-T	SFP+, 10G BASE-T RJ45, 30m

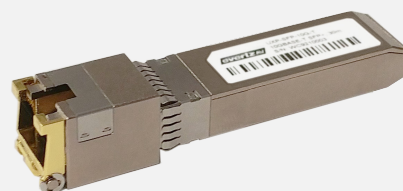
UXP-SFP2-1G-T



UXP-SFP-2G5-T



UXP-SFP-10G-T



EvertzAV and the EvertzAV logo are either trademarks or registered trademarks of Evertz Microsystems Ltd. Other trademarks, registered trademarks, and trade names mentioned in this document may refer to either the entities claiming the marks and names or their products and are hereby acknowledged. © 2023 Evertz Microsystems Ltd.



av.evertz.com

Contents Subject to Change
Rev. 06

North America/International AV Sales

avsales@evertz.com

+1 905-335-3700