

ASIO-4510I RS-422/485 Repeater

03/18/14



Features	
Enables RS-485 networks to extend an additional 1200 meters (400 feet)	
Extends allowed number of nodes by 32	
Automatic RS-485 flow control	
Reserved space for termination resistors	
ASIO-4510I & ASIO-4510S provide 3000VDC	
ASIO-4510I supports extended temperature & power input	

Specifications

Serial Communications		Environment	
Input	RS-485 (2-wire) or RS-422 (4-wire)	Temperature	Operating: ASIO-4510/4510S -10 ~ 70°C (14 ~ 158°F) ASIO-4510I -40 ~ 85°C (-40 ~ -185°F)
Output	RS-485 (2-wire) or RS-422 (4-wire)		
Speed Modes (bps)	1,200 2,400 4,800 9,600 19.2 k 38.4 k 57.6 k 115.2 k RTS control and RS-422 (switchable)		
			Storage: -25 ~ 85°C (-13 ~ 185°F)
		Humidity	5 ~ 95% RH

General	
Connectors	(2) plug-in terminal blocks (#14 ~ 22 AWG)
Isolation Voltage	3,000 VDC (ASIO-4510S/4510I)
Power Consumption	1.4 W @ 24 VDC
Power Input	Unregulated 10 ~ 30 VDC w/power reversal protection 10 ~ 48VDC (ASIO-4510I)
LED	Power & Data flow
Module Dimensions	110 x 60 x 27 mm (HxWxD)
Construction Material	Impact Resistant ABS plastic
Certifications & Compliances	UL, UL(C), CE, FCC rated, ROHS Compliant