

V100-17-ET2 Ethernet Module

This guide provides specifications for Unitronics' communication module V100-17-ET2.

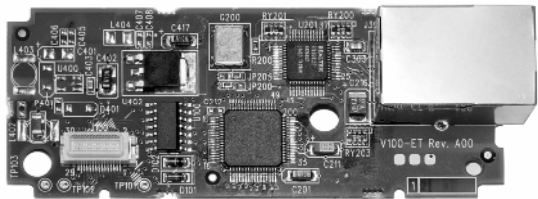
You can find additional information, such as wiring diagrams, in the product's installation guide located on the Unitronics' Setup CD and in the Technical Library at www.unitronics.com.

V100-17-ET2 (Ethernet)

Use this module to add an Ethernet port to the controller and implement communications via TCP/IP, such as MODBUS over TCP.

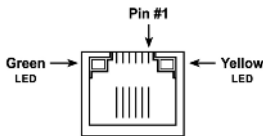
Standard Kit contents

V100-17-ET2



RJ45 Connector Pinout

Pin #	Description
1	T+ = Positive transmit signal
2	T- = Negative transmit signal
3	R+ = Positive receive signal
6	R- = Negative receive signal



Ethernet LEDs

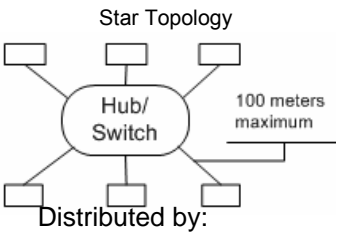
LED	Function
Green (LNK)	ON when link exists
Yellow (ACT)	Blinks during RX/TX

Ethernet Connections

Controller to hub/switch connection				Controller to controller connection			
Controller		Hub/Switch		Controller		Controller	
Pin #	Function	Pin #	Function	Pin #	Function	Pin #	Function
1	T+	1	T+	1	T+	3	R+
2	T-	2	T-	2	T-	6	R-
3	R+	3	R+	3	R+	1	T+
6	R-	6	R-	6	R-	2	T-

V100-17-ET2 Technical Specifications

Port type	RJ45
Transmission speed	10/100Mbps
Network topology	Star, based on external hub/switch
Cable type	Category 5 STP (shielded twisted pair) is recommended; UTP (unshielded twisted pair) may also be used
Drop line length	Up to 100 meters, controller to hub/switch or controller to controller.
Weight	22g (0.77 oz)



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