V100-17-ET2   Ethernet Module

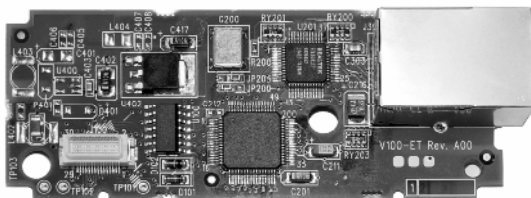This guide provides specifications for Unitronics' communication module V100-17-ET2.

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.
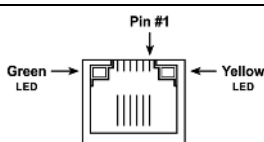
Standard Kit contents

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

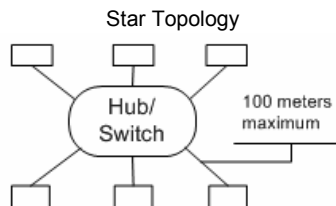| LED	Function
Green (LNK)	ON when link exists
Yellow (ACT)	Blinks during RX/TX

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

		Star Topology
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)	