

# VESR9xx

## Vlinx™ Industrial Ethernet Serial Servers

PRODUCT INFORMATION

- ✓ Ethernet Enable Serial Devices
- ✓ Direct IP, Virtual COM Port, or Paired Mode
- ✓ Ethernet Pass-through Port Available
- ✓ Ethernet Fiber Options
- ✓ Serial MEI Ports
- ✓ UL Class 1 Div 2



Take control of your serial devices with VLINX™ VESR 9xx Industrial Ethernet Serial Servers. If it has a Serial Port, it can be monitored and controlled from anywhere on your Ethernet LAN or WAN. Keep it at maximum productivity without leaving your office. Even troubleshoot it from outside your LAN via the Internet. The easy to use Vlinx™ Manager software puts access to your whole shop on your desk. Configure devices, upgrade firmware and monitor activity. Configuration changes can also be made using a web browser.

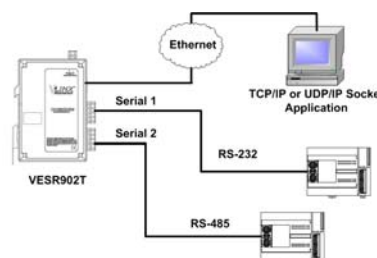
Multiple fiber optic options make integration into any existing network quick. No need to purchase an extra media converter when you can choose from Multi-mode SC / ST, 15km Single-mode SC/ST, 40 km Single-mode SC/ST, or 80 km Single-mode SC/ST.

VESR92x series servers also feature an additional copper RJ45 port that allows you to connect another Ethernet device or PC work-station. This Pass-through port functions much like an unmanaged switch.

Heartbeat connectivity keeps the serial server on-line. If connectivity is lost it will attempt to reconnect every five seconds until a connection is regained. A manual reboot is not required when communications are restored.

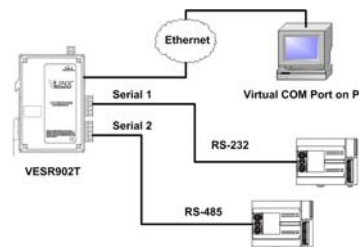
### Direct IP Mode

TCP/IP or UDP/IP socket applications communicate directly with serial devices



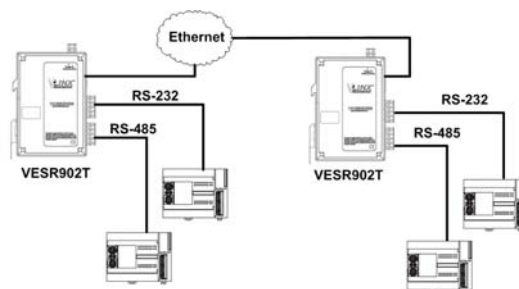
### Virtual COM Mode

Communicate with serial devices through your network as if they were connected to a physical COM port.



### Paired Mode

Serial devices communicate with each other by tunneling through your network.



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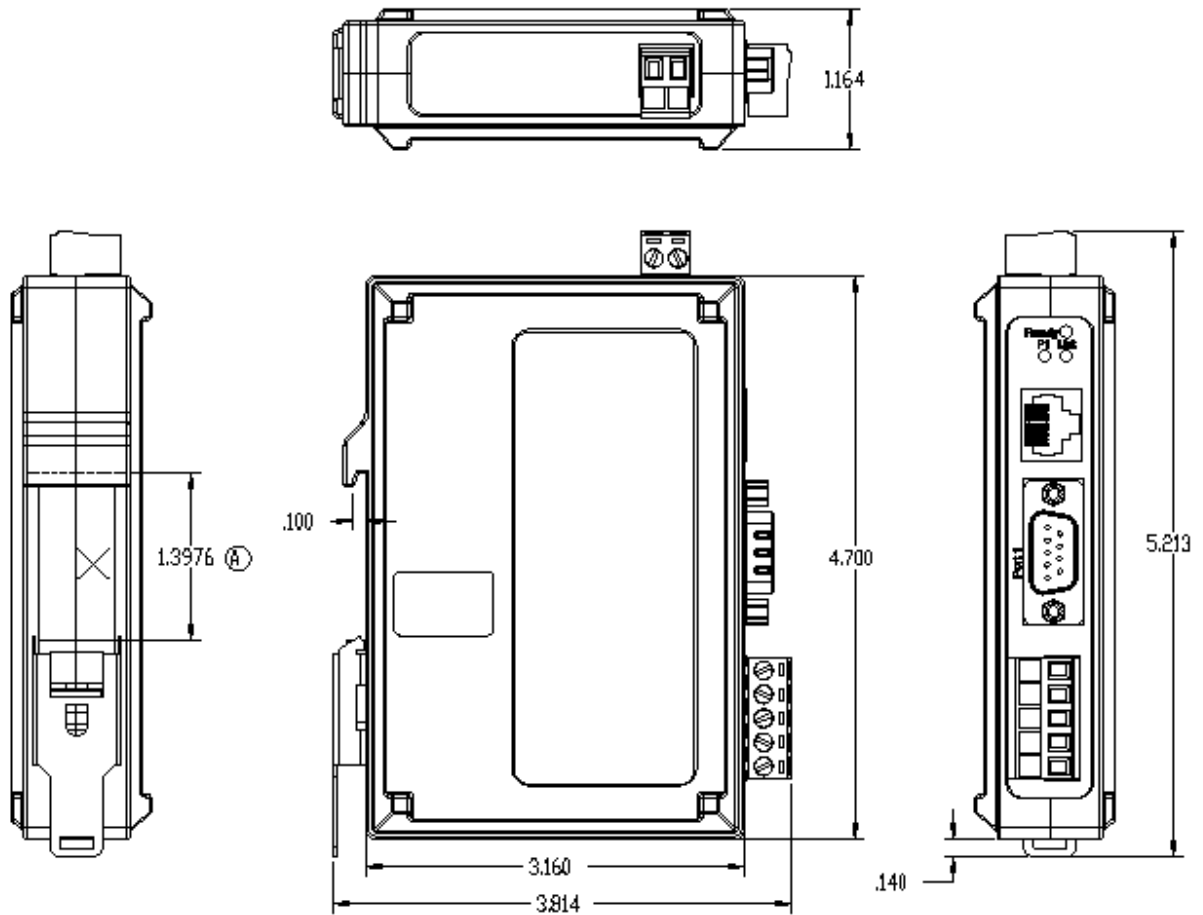
## Ordering Information

| Model Number  | Serial Ports | Serial Connectors | Ethernet Media                 | Ethernet Connectors |
|---------------|--------------|-------------------|--------------------------------|---------------------|
| VESR901       | 1            | DB9 & TB          | CAT 5                          | RJ45                |
| VESR901-MC    | 1            | DB9 & TB          | Multi-mode Fiber               | SC                  |
| VESR901-MT    | 1            | DB9 & TB          | Multi-mode Fiber               | ST                  |
| VESR901-SC    | 1            | DB9 & TB          | Single Mode Fiber              | SC                  |
| VESR901-SC40  | 1            | DB9 & TB          | Single Mode Fiber - 40 km      | SC                  |
| VESR901-SC80  | 1            | DB9 & TB          | Single Mode Fiber - 80 km      | SC                  |
| VESR901-ST    | 1            | DB9 & TB          | Single Mode Fiber              | ST                  |
| VESR901-ST40  | 1            | DB9 & TB          | Single Mode Fiber - 40 km      | ST                  |
| VESR901-ST80  | 1            | DB9 & TB          | Single Mode Fiber - 80 km      | ST                  |
| VESR902D      | 2            | DB9               | CAT 5                          | RJ45                |
| VESR902D-MC   | 2            | DB9               | Multi-mode Fiber               | SC                  |
| VESR902D-MT   | 2            | DB9               | Multi-mode Fiber               | ST                  |
| VESR902D-SC   | 2            | DB9               | Single Mode Fiber              | SC                  |
| VESR902D-SC40 | 2            | DB9               | Single Mode Fiber - 40 km      | SC                  |
| VESR902D-SC80 | 2            | DB9               | Single Mode Fiber - 80 km      | SC                  |
| VESR902D-ST   | 2            | DB9               | Single Mode Fiber              | ST                  |
| VESR902D-ST40 | 2            | DB9               | Single Mode Fiber - 40 km      | ST                  |
| VESR902D-ST80 | 2            | DB9               | Single Mode Fiber - 80 km      | ST                  |
| VESR902T      | 2            | TB                | CAT 5                          | RJ45                |
| VESR902T-MC   | 2            | TB                | Multi-mode Fiber               | SC                  |
| VESR902T-MT   | 2            | TB                | Multi-mode Fiber               | ST                  |
| VESR902T-SC   | 2            | TB                | Single Mode Fiber              | SC                  |
| VESR902T-SC40 | 2            | TB                | Single Mode Fiber - 40 km      | SC                  |
| VESR902T-SC80 | 2            | TB                | Single Mode Fiber - 80 km      | SC                  |
| VESR902T-ST   | 2            | TB                | Single Mode Fiber              | ST                  |
| VESR902T-ST40 | 2            | TB                | Single Mode Fiber - 40 km      | ST                  |
| VESR902T-ST80 | 2            | TB                | Single Mode Fiber - 80 km      | ST                  |
| VESR921       | 1            | DB9 & TB          | CAT 5                          | Two RJ45            |
| VESR921-MC    | 1            | DB9 & TB          | CAT 5, Multi-mode Fiber        | One RJ45, One SC    |
| VESR921-MT    | 1            | DB9 & TB          | CAT 5, Multi-mode Fiber        | One RJ45, One ST    |
| VESR921-SC    | 1            | DB9 & TB          | CAT 5, Single Mode Fiber       | One RJ45, One SC    |
| VESR921-SC40  | 1            | DB9 & TB          | CAT 5, Single Mode Fiber 40 km | One RJ45, One SC    |
| VESR921-SC80  | 1            | DB9 & TB          | CAT 5, Single Mode Fiber 80 km | One RJ45, One SC    |
| VESR921-ST    | 1            | DB9 & TB          | CAT 5, Single Mode Fiber       | One RJ45, One ST    |
| VESR921-ST40  | 1            | DB9 & TB          | CAT 5, Single Mode Fiber 40 km | One RJ45, One ST    |
| VESR921-ST80  | 1            | DB9 & TB          | CAT 5, Single Mode Fiber 80 km | One RJ45, One ST    |
| VESR922T      | 2            | TB                | CAT 5                          | Two RJ45            |
| VESR922T-MC   | 2            | TB                | CAT 5, Multi-mode Fiber        | One RJ45, One SC    |
| VESR922T-MT   | 2            | TB                | CAT 5, Multi-mode Fiber        | One RJ45, One ST    |
| VESR922T-SC   | 2            | TB                | CAT 5, Single Mode Fiber       | One RJ45, One SC    |
| VESR922T-SC40 | 2            | TB                | CAT 5, Single Mode Fiber 40 km | One RJ45, One SC    |
| VESR922T-SC80 | 2            | TB                | CAT 5, Single Mode Fiber 80 km | One RJ45, One SC    |
| VESR922T-ST   | 2            | TB                | CAT 5, Single Mode Fiber       | One RJ45, One ST    |
| VESR922T-ST40 | 2            | TB                | CAT 5, Single Mode Fiber 40 km | One RJ45, One ST    |
| VESR922T-ST80 | 2            | TB                | CAT 5, Single Mode Fiber 80 km | One RJ45, One ST    |

## Accessory Items

|                     |           |
|---------------------|-----------|
| Power Supply        | MDR-40-24 |
| Panel Mount Adapter | DRPM25    |

Mechanical Diagram - Units with one Ethernet Port



Ⓐ DESIGNED TO FIT ON A STANDARD 35mm DIN RAIL

### Mechanical Diagram - Units with Two Ethernet Ports

