



Overview

The **VILINK WP8** is a Unmanaged Gigabit Industrial Ethernet Switch. It provides Eight 10/100/1000Mbps TX ports. It is designed with IEEE 802.3ab Gigabit Ethernet standard to meet the various industrial application needs and provide a wide range of industrial Ethernet network communication solutions such as Internet of Things (IoT). The WP8 supports wall mount and DIN rail mounting for installation in the industrial hash environment.

Applications include ITS Intelligent Traffic Control System, Homeland Security, Metro & Railroad Systems, Oil & Gas Monitoring System, Utility Management, Premise Networks, Military Hardened applications or anything requiring high quality Data Transmission performance.

Features

- 8 x 10/100/1000M TX Ports
- Compliance IEEE 802.3ab Gigabit Ethernet
- Front Panel Access (Cat5/Cat6)
- Support 802.1Q 4K VLAN, port based, protocol based VLAN, Generic Attribute Registration Protocol (GARP), GARP VLAN Registration Protocol (GVRP)
- Static and Dynamic port aggregation
- Dual Power Input 48 VDC/12 VDC for high reliability
- Wall Mount Or DIN Rail Mount

Applications

- Internet Of Things (IoT)
- IP Camera Surveillance and Wireless
- ITS Traffic Applications
- SCADA Networks
- Metro Networks
- Gas & Oil Fields Monitoring Applications
- Railroad Networks
- Military Applications
- Data Acquisition Applications

Ordering Information

Model	Descriptions
WM8	8-Port Unmanaged Industrial Gigabit Ethernet, 8 x 10/100/1000M-TX, 12VDC, 48 VDC *** Please Consult Factory for Additional Model Numbers***

ITS Equipment Series

Model WP8P

System:	
Network Standard	IEEE 802.3 10BASE-T IEEE 802.3u 100BASE-T IEEE 802.3ab Gigabit 1000-T
LED Indicators	PWR, LINK/ACT
Environment:	
Operating	-34 ⁰ C to +74 ⁰ C
Storage	-40 ⁰ C to +85 ⁰ C
Humidity	98% Non-Condensing

TX Interface:	
Ports	8 x 10/100/1000M TX
	Auto-MDI/MDIX
Transmission Mode	Half/Full Duplex
Connector	RJ45
Distance	100 Meters (Cat5/Cat6)
Physical:	
Wall / DIN Rail Mount	5.5" x 4.5" x 2.5"
Power Requirement	12/48 VDC @ 0.5 Amp

Application



Typical WM8P Installation/Application