

JetNet 3905 Series

Industrial DNV 5-port Unmanaged Ethernet Switch



Features

- 5-port RJ-45 10/100M Ethernet Ports (JetNet 3905)
- 4-port RJ-45 10/100M Ethernet Ports and 1-port 100M FX (JetNet 3905f)
- DNV Certificate
- Industrial Slim Size Design
- Support 802.1p QoS (CoS, DSCP)
- Power input 12~40VDC
- -40 to 75°C operating temperature, fanless



Wide Temp



DNV-GL



Slim Size

Overview

The JetNet 3905 series is DNV marine certificate 5-port industrial unmanaged switch. With DNV certificate, the JetNet 3905 can be installed in various boat application to ensure the network stable communication and marine EMC protection.

Specification

Interface

RJ-45 Port	5 x 10/100Mbps (JetNet 3905) 4 x 10/100Mbps (JetNet 3905f-m, JetNet 3905f-s)
SFP Port	1 x 100Mbps 2km SC connector (JetNet 3905f-m) 1 x 100Mbps 30km SC connector (JetNet 3905f-s)
LED	1x Power (Green on) Ethernet Port : 100Mbps Link (Green on), 100Mbps Activity (Green blink) 10Mbps link (Amber on) / 10Mbps Activity (Amber blink) 1x Fiber: Link (Green on), Activity (Green blink) (JetNet 3905f)

Performance

Switch Technology	Store and Forward technology with 1Gbps Switch Fabric
Transfer packet Size	64Bytes ~1536Bytes
MAC address Table	1K
Packet Buffer	448Kb
Transfer performance	14,880pps for 10Mbps , 148,800pps for 100Mbps
Broadcast Storm Control	Default enable

Technology

Standard	IEEE 802.3 10Base-T IEEE 802.3u 100Base-TX/100Bae-Fx IEEE 802.3x Flow Control IEEE 802.1p QoS
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Power Requirement

DC Power input	1 x 12-40VDC
Power Consumption	2W

Mechanical

Installation	DIN-Rail
Enclosure Material	Steel Metal
Dimension	111.8mm(H) x 30mm (W) x 89.4mm (D)
Weight	0.35kg with package
Ingress Protection	Robust IP30

Environmental

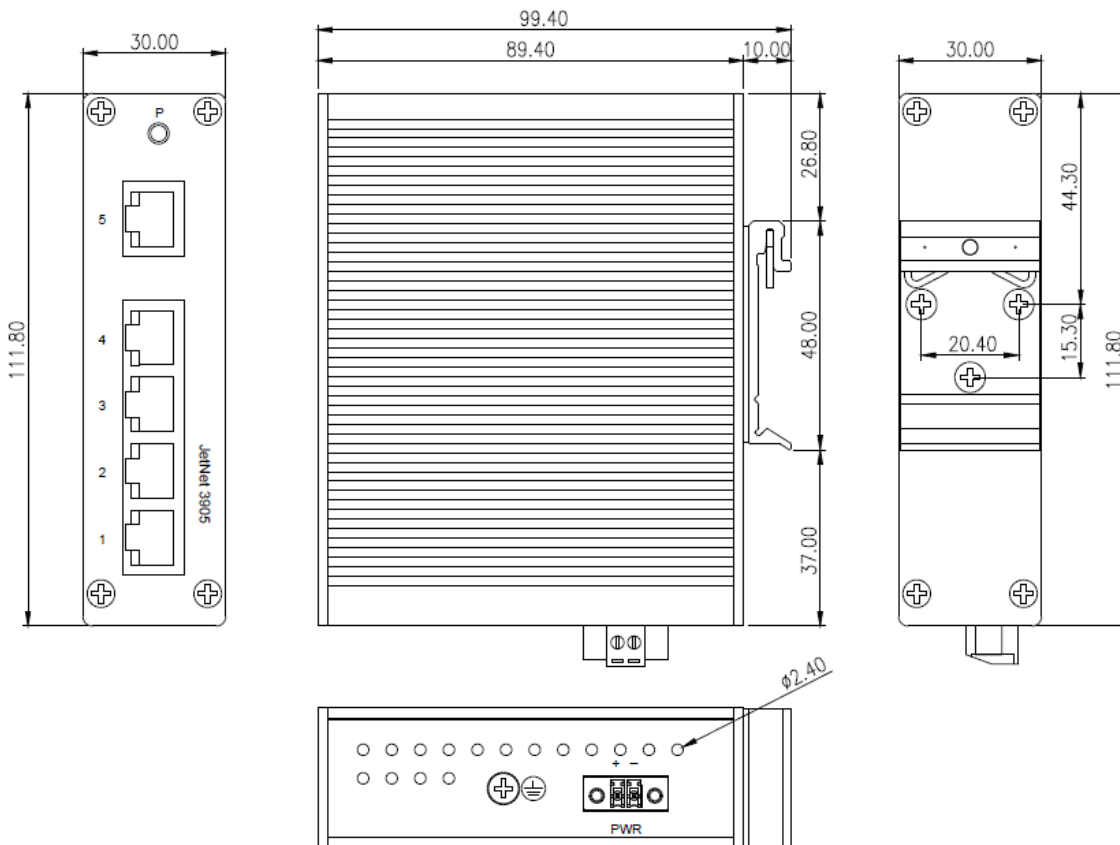
Operating Temperature	-40°C~75°C
Operating Humidity	10%~95%, Non-Condensing

Storage Temperature -40°C~85°C

Regulation

Marine	DNV
EMC	FCC Class A, CE EN 50121-4 EN 61000-6-4 EN IEC 61000-3-2 EN 61000-3-3 EN 61000-4-2 EN 61000-4-3 EN 61000-4-4 EN 61000-4-5 EN 61000-4-6 EN 61000-4-8 EN 61000-4-9
Vibration	IEC 60068-2-6, IEC 60068-2-36
Shock	IEC 60068-2-27
Free Fall	IEC 60068-2-32
Warranty	5 Years

Dimension (Unit = mm)



Ordering Information

Model Name	Description
JetNet 3905	Industrial marine 5-port 10/100TX Ethernet Switch
JetNet 3905f-m	Industrial marine 4-port 10/100TX Plus One 100FX Switch, SC/Single Mode 30KM
JetNet 3905f-s	Industrial marine 4-port 10/100TX Plus One 100FX Switch, SC/Multi Mode 2KM
Packing	Includes: <ul style="list-style-type: none">• JetNet 3905• Quick Installation Guide Note: Please download User Manual from website