



# GETCAMERAS

## DATASHEET GRAB-G-GigE-SWITCH-4XPOE-DIN

Industrial GigE switch with 4 PoE ports and 1 non-PoE port, designed for DIN Rail mounting.



### Highlights

- 4 x Gigabit PoE+ ports
- 1 x Gigabit port
- 120W PoE power budget
- 10Gbps switching capacity
- Hardened IP30 rated metal switch
- Includes DIN-Rail and wall mounts
- Operating temperature range of -40° – 75° C (-40° – 167° F)
- Redundant power inputs with overload current protection

### Introduction

GRAB-G-GigE-SWITCH-4XPOE-DIN is an industrial GigE switch with 4 PoE ports and 1 non-PoE port, designed for DIN Rail mounting. It's ideal for connecting 4 industrial PoE GigE cameras to your PC.

### Technical Specifications

Standards	<ul style="list-style-type: none"><li>• IEEE 802.3</li><li>• IEEE 802.3u</li><li>• IEEE 802.3ab</li><li>• IEEE 802.3x</li><li>• IEEE 802.3af</li><li>• IEEE 802.3at</li></ul>
Device Interface	<ul style="list-style-type: none"><li>• 4 x Gigabit PoE+ ports</li><li>• 1 x Gigabit port</li><li>• 4-pin removable terminal block</li></ul>

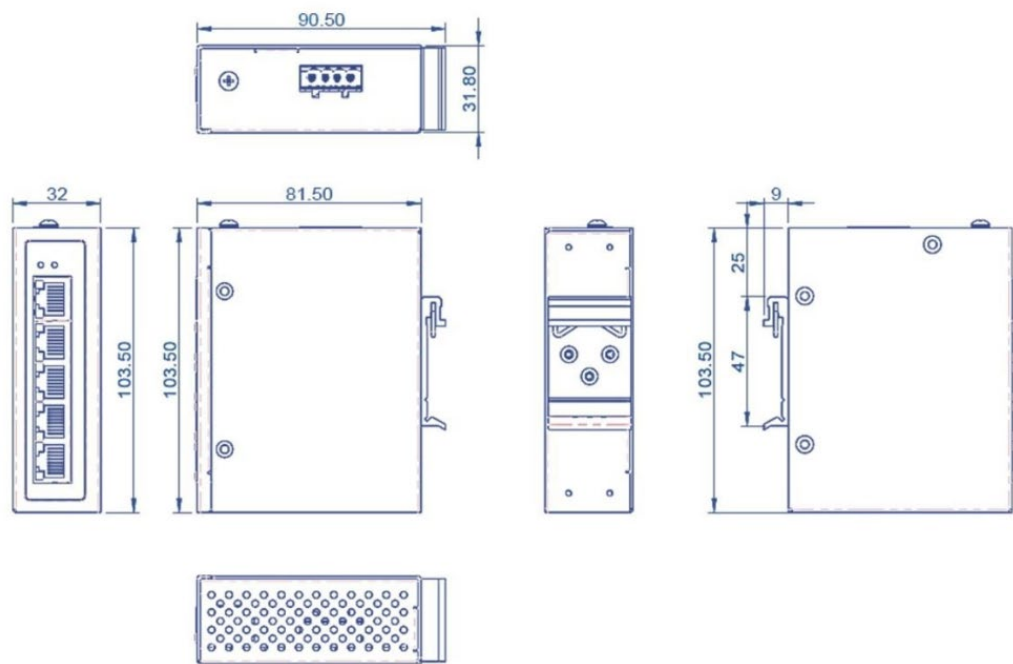
The information provided in this documentation contains general descriptions and/or technical characteristics of the performance of the products contained herein. This documentation is not intended as a substituted for and is not to be used for determining suitability or reliability of these products for specific user applications. It is the duty of any such user or integrator to perform the appropriate and complete risk analysis, evaluation, and testing of the products with respect to the relevant specific application or use thereof. Neither GeT Cameras nor any of its affiliates or subsidiaries shall be responsible or liable for misuse of the information contained herein or incorrect information in this document.

	<ul style="list-style-type: none"> <li>• LED indicators</li> <li>• DIN-Rail mount</li> <li>• Wall mount</li> <li>• Grounding point</li> </ul>
Data Transfer Rate	<ul style="list-style-type: none"> <li>• Ethernet: 10Mbps (half duplex), 20Mbps (full duplex)</li> <li>• Fast Ethernet: 100Mbps (half duplex), 200Mbps (full duplex)</li> <li>• Gigabit: 2000Mbps (full duplex)</li> </ul>
Performance	<ul style="list-style-type: none"> <li>• Data RAM Buffer: 128KB</li> <li>• Switching Fabric: 10Gbps</li> <li>• MAC Address Table: 2K entries</li> <li>• Jumbo Frame: 9KB</li> <li>• Forwarding rate: 7.44Mpps (64-byte packet size)</li> </ul>
Special Features	<ul style="list-style-type: none"> <li>• Hardened components rated for extreme temperatures</li> <li>• Redundant power inputs</li> <li>• Surge and ESD protection</li> <li>• Low-profile design</li> </ul>
Power	<ul style="list-style-type: none"> <li>• Input: 48 – 56V DC</li> <li>• Compatible power supply: TI-S15052, TI-S24052, TI-S12048, TI-S24048 (sold separately)</li> <li>• Max. consumption: 2.24W @ 48V DC</li> </ul>
PoE	<ul style="list-style-type: none"> <li>• 802.3at: Up to 30W per port</li> <li>• PoE budget: 120W@56V DC</li> <li>• PoE Mode A: Pins 1, 2, 3, and 6 for power</li> </ul>
Terminal Block	<ul style="list-style-type: none"> <li>• Redundant power inputs, 4-pin</li> <li>• Wire range: 0.34mm<sup>2</sup> to 2.5mm<sup>2</sup></li> <li>• Solid wire (AWG): 12-24/14-22</li> <li>• Stranded wire (AWG): 12-24/14-22</li> <li>• Torque: 5 lb. – In / 0.5Nm / 0.56Nm</li> <li>• Wire strip length: 7-8mm</li> </ul>
MTBF	<ul style="list-style-type: none"> <li>• 538,297 hours</li> </ul>
Enclosure	<ul style="list-style-type: none"> <li>• IP30 rated metal enclosure</li> <li>• Fanless passive cooling</li> <li>• DIN-Rail mount</li> <li>• Wall mount</li> <li>• Grounding point</li> <li>• ESD Protection: Contact: 6kV / Air: 8kV</li> <li>• Surge Protection: 2kV</li> <li>• Overload current protection</li> <li>• Reverse polarity protection</li> </ul>
Operating Temperature	<ul style="list-style-type: none"> <li>• - 40° – 75° C (-40° – 167° F)</li> </ul>
Operating Humidity	<ul style="list-style-type: none"> <li>• Max. 95 % non-condensing</li> </ul>
Dimensions	<ul style="list-style-type: none"> <li>• 104 x 82 x 32mm (4 x 3.23 x 1.26 in.)</li> </ul>

The information provided in this documentation contains general descriptions and/or technical characteristics of the performance of the products contained herein. This documentation is not intended as a substituted for and is not to be used for determining suitability or reliability of these products for specific user applications. It is the duty of any such user or integrator to perform the appropriate and complete risk analysis, evaluation, and testing of the products with respect to the relevant specific application or use thereof. Neither GeT Cameras nor any of its affiliates or subsidiaries shall be responsible or liable for misuse of the information contained herein or incorrect information in this document.

Weight	<ul style="list-style-type: none"><li>• 190g (6.7 oz.)</li></ul>
Certifications	<ul style="list-style-type: none"><li>• CE</li><li>• FCC</li><li>• Shock (IEC 60068-2-27)</li><li>• Freefall (IEC 60068-2-32)</li><li>• Vibration (IEC 60068-2-6)</li><li>• IEC 61000-4-2</li><li>• IEC 61000-4-4</li><li>• IEC 61000-4-5</li></ul>

Mechanical drawing



The information provided in this documentation contains general descriptions and/or technical characteristics of the performance of the products contained herein. This documentation is not intended as a substituted for and is not to be used for determining suitability or reliability of these products for specific user applications. It is the duty of any such user or integrator to perform the appropriate and complete risk analysis, evaluation, and testing of the products with respect to the relevant specific application or use thereof. Neither GeT Cameras nor any of its affiliates or subsidiaries shall be responsible or liable for misuse of the information contained herein or incorrect information in this document.