



## IPS2000G Series

DIN-Rail Mounting or Wall Mounting

5-port Full Gigabit Layer 2 Unmanaged Industrial PoE Ethernet Switch

- Support 1 gigabit copper/fiber port and 4 gigabit PoE copper ports
- The maximum power consumption of single port PoE is 30W
- PoE could power device over Ethernet, thus decreasing the cable connection of powered devices
- Input power voltage 48VDC
- Support -40~75°C wide operating temperature range





	<p>IEEE 802.3u for 100Base-TX                  IEEE 802.3z for 1000Base-X                  IEEE 802.3ab for 1000Base-T                  IEEE 802.3x for Flow Control                  IEEE 802.3af for PoE                  IEEE 802.3at for PoE+</p>												
<b>PoE</b>	<p>The maximum power consumption of PoE port: 30W                  The power supply pin of PoE: V+, V+, V-, V- correspond to Pin 1, 2, 3, 6</p>												
<b>Interface</b>	<p>Copper port: 10/100/1000Base-T(X), RJ45, Automatic Flow Control, Full/half Duplex Mode, MDI/MDI-X Autotuning                  Fiber port: 1000Base-FX, SC/ST/FC optional                  SFP slot: 100/1000Base-SFP</p>												
<b>LED Indicator</b>	<p>Running Indicator, Port Indicator, PoE Indicator</p>												
<b>Switch Property</b>	<p>Transmission mode: store and forward                  MAC address: 8K                  Packet buffer size: 1Mbit                  Backplane bandwidth: 14G                  Switch time delay: &lt;10μs</p>												
<b>Power Requirement</b>	<p>12~48VDC(PoE 48VDC), 3-pin 7.62mm pitch terminal blocks                  Support 3A over-current protection                  reverse polarity protection</p>												
<b>Power Consumption</b>	<table border="1"> <thead> <tr> <th>Model</th> <th>No-load(@48VDC)</th> <th>Full-load(@48VDC)</th> </tr> </thead> <tbody> <tr> <td>IPS2000G-1GT-4GPOE</td> <td>1.49W</td> <td>63.60W</td> </tr> <tr> <td>IPS2000G-1GS-4GPOE</td> <td>2.06W</td> <td>64.99W</td> </tr> <tr> <td>IPS2000G-1GF-4GPOE</td> <td>5.95W</td> <td>70.32W</td> </tr> </tbody> </table>	Model	No-load(@48VDC)	Full-load(@48VDC)	IPS2000G-1GT-4GPOE	1.49W	63.60W	IPS2000G-1GS-4GPOE	2.06W	64.99W	IPS2000G-1GF-4GPOE	5.95W	70.32W
Model	No-load(@48VDC)	Full-load(@48VDC)											
IPS2000G-1GT-4GPOE	1.49W	63.60W											
IPS2000G-1GS-4GPOE	2.06W	64.99W											
IPS2000G-1GF-4GPOE	5.95W	70.32W											
<b>Environmental Limit</b>	<p>Operating temperature range: -40~75°C                  Storage temperature range: -40~85°C                  Relative humidity: 5% ~ 95% (no condensation)</p>												
<b>Physical Characteristic</b>	<p>Housing: IP40 protection, metal                  Installation: DIN-Rail mounting or wall mounting                  Dimension (W x H x D): 35mm×110mm×95mm                  Weight: ≤400g</p>												
<b>Industrial Standard</b>	<p>IEC 61000-4-2 (ESD), Level 3</p> <ul style="list-style-type: none"> <li>Air discharge: ±8kV</li> <li>Contact discharge: ±6kV</li> </ul>												



IEC 61000-4-4 (EFT), Level 3

IEC 61000-4-5 (Surge), Level 3

Shock: IEC 60068-2-27

Free fall: IEC 60068-2-32

Vibration: IEC 60068-2-6

<b>Certification</b>	CE, FCC, RoHS
<b>Warranty</b>	5 years



## Ordering Information

Available Models	Gigabit Fiber Port	Gigabit SFP	Gigabit Copper Port	Gigabit POE Copper Port	Power Supply
IPS2000G-1GT-4GPOE	—	—	1	4	12~48VDC (PoE 48VDC)
IPS2000G-1GS-4GPOE	—	1	—	4	
IPS2000G-1GF-4GPOE	1	—	—	4	



Address: 3/B, Zone 1, Baiwangxin High Technology Industrial Park, Song Bai Road, Nanshan District, Shenzhen, 518108, China

TEL.: +86-755-26702668 ext 835 FAX: +86-755-26703485

E-mail: [ics@3onedata.com](mailto:ics@3onedata.com)

Website: [www.3onedata.com](http://www.3onedata.com)

◀ Please scan our QR code for more details

\*Product pictures and technical data in this datasheet are only for reference. Updates are subject to change without prior notice. The final interpretation right is reserved by 3onedata.