

When inserted in a Cisco 1900, 2900, or 3900 Series ISR, the Gigabit Ethernet EHWICs provide a fully integrated, secure networking and converged IP communications solution. From a single platform with an integrated switch, you can connect IP phones, wireless access points, and IP-based video cameras to your network and power them using the IEEE 802.3af or Cisco ePoE. With the optional integration of Cisco Unified Communications Manager Express, the router can also provide call processing for the phones. As users attempt network access, the Gigabit Ethernet EHWIC can use IEEE 802.1x to validate the credentials of the end device and place the users in the appropriate VLAN or Cisco TrustSec™ group. As the end-user data leaves the LAN, the router can then encrypt the traffic and place it on a multitude of VPNs, securing the communications among branch offices and central sites.

Interfaces/Ports

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|-----------------------------------|---|
| Interfaces / Ports Details | 4 x RJ-45 10/100/1000Base-T Network WAN |
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Media & Performance

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|------------------------------------|-------------------|
| Media Type Supported | Twisted Pair |
| Twisted Pair Cable Standard | Category 5e |
| Ethernet Technology | Gigabit Ethernet |
| Network Technology | 10/100/1000Base-T |

Physical Characteristics

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|---------------|------|
| Height | 0.8" |
| Width | 3.1" |
| Depth | 4.8" |

Compatibility

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|--|------------------|
| Switch Series | 3900, 2900, 1900 |
| Integrated Services Router Series | 3900, 2900, 1900 |

Other Information

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| Maximum Data Transfer Rate | 100 Mbit/s |
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