



## Industrial Compact 100/1000BASE-X to 10/100/1000BASE-T Media Converter

» IGT-815AT



Copper Port	10/100/1000BASE-T Ethernet TP interface. Maximum 100m distance. Auto-negotiation, auto MDI/MDI-X
SFP Slot	1000BASE-SX/LX/BX SFP interface Compatible with 100BASE-FX SFP
Flow Control	Back pressure for half duplex mode IEEE 802.3x pause frame for full duplex mode
Maximum Frame Size	9K
LED	System: Power (Green) Fiber 100/1000BASE-X: LNK/ACT (Green) TP 10/100/1000BASE-T: LNK/ACT(Green), 1000(Amber)
Dimensions (W x D x H)	30 x 70 x 104 mm
Weight	251g
Power Requirements	DC 9~48V, supports reverse polarity protection
Power Consumption	System ON without loading DC 9V: 0.54W/1.84BTU DC 24V: 0.24W/0.81BTU DC 48V: 0.24W/0.81BTU Full loading DC 9V: 1.98W/6.75BTU DC 24V: 1.92W/6.55W DC 48V: 1.92W/6.55W
DIP Switch	Link Fault Passthrough Enable/Disable
Enclosure	IP30 metal case
Installation	DIN-rail kit and wall-mount ear
ESD Protection	6KV DC
Cables	10/100/1000BASE-T: 2-pair UTP Cat. 3, 4, 5, 5e, 6 (maximum 100 meters) EIA / TIA-568 100-ohm STP (maximum 100 meters) 100BASE-FX/1000BASE-SX/LX: Multi-mode: 50/125µm or 62.5/125µm optical fiber Single-mode: 9/125µm optical fiber
Regulatory Compliance	FCC Part 15 Class A, CE
Protocols and Standards Compliance	IEEE 802.3 Ethernet IEEE 802.3u Fast Ethernet IEEE 802.3ab Gigabit Ethernet IEEE 802.3z Gigabit Ethernet over Fiber Optic IEEE 802.3x Flow Control IEEE 802.3az Energy Efficient Ethernet (EEE)
Stability Testing	IEC60068-2-32 (free fall) IEC60068-2-27 (shock) IEC60068-2-6 (vibration)
Temperature	Operating: -40~75 degrees C Storage: -40~85 degrees C
Humidity	Operating: 5~90% (non-condensing) Storage: 5~90% (non-condensing)

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Art. N° 159433