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כומפניקס תקשורת ואלקטרוניקה בע"מ

רח' צבי ברגמן 8, סגולה, פתח-תקווה

טל: 03-9049004 פקס: 03-9344497

ח.פ. 512109968

מספר ספק משרד הביטחון: 83524121

MODEL NUMBER: 18162

RP-IMC601 series

10/100Base-TX to 100Base-FX Industrial Media Converter

The mini Industrial media converter is designed for where critical but space-limited outdoor CAM enclosure. It can be powered by wide range of VAC, VDC or external DC power adapter. With its multi-purpose design, it can also be used for Din-Rail or wall-mounted. It is an ideal unit for IP surveillance, traffic monitoring and Security application in critical environment. It can tolerate -40°C to 70°C in harsh environment to perform a reliable network.



Feature

- Supports 18V-30VAC/12V-48VDC/ or DC Jack socket
- Supports Link Fault Pass through (LFP) function
- Supports switch model and converter mode.
- Surge protection diodes on power input.
- ESD protection diodes on RJ-45 port
- Provides Far End Fault function on FX port.
- Provides increased Noise Immunity
- Extended environmental specification -40°C to 75°C
- True Mini, rugged design enclosure 58x34x49mm (LxWxD)



Specification

Standards	<ul style="list-style-type: none"> • IEEE 802.3 10Base-T Ethernet • IEEE 802.3u 100Base-TX Fast Ethernet • IEEE 802.3u 100Base-FX Fast Ethernet • IEEE802.3x Flow Control and Back Pressure
Data Processing	<ul style="list-style-type: none"> • Store and Forward
Flow Control	<ul style="list-style-type: none"> • IEEE 802.3x Flow Control and Back Pressure
Architecture	<ul style="list-style-type: none"> • Full wire speed conversion, • Transparent conversion to 802.1Q VLAN tagged packets.
MAC Table Size	<ul style="list-style-type: none"> • 1K
Packet Buffer Size	<ul style="list-style-type: none"> • 1Mbits
Interface	<ul style="list-style-type: none"> • 1 RJ-45 port: 10/100M Base-T(X) Auto negotiation, Auto MDI/MDI-X function, Full/Half duplex • 1 Fiber port: 100BaseFX MM/SC up to 2km, MM/ST up to 2km, SM/SC up to 30km or 100BaseX SFP
LED indicators	<ul style="list-style-type: none"> • Power, Speed, Link/Act • Speed (TP port) • Link/Act (TP and Fiber port)
DIP Switch	<ul style="list-style-type: none"> • Link Fault Pass Through (LFP) • Converter Mode, Switch Mode
Power protection	<ul style="list-style-type: none"> • Surge protection diodes on power input
Connector protection	<ul style="list-style-type: none"> • ESD protection diodes on TX port
Reserve polarity protection	<ul style="list-style-type: none"> • Present
Overload current protection	<ul style="list-style-type: none"> • Present
Power Input	<ul style="list-style-type: none"> • 18V-30VAC, • 12V-48VDC, • DC Jack terminal cable supported (DC Barrel Connector)
Power Consumption	<ul style="list-style-type: none"> •
Conformance to UL Standards	<ul style="list-style-type: none"> • Use Isolated power supply to conform with UL 508 standard
Removable Terminal Block	<ul style="list-style-type: none"> • 3 pin contact terminal block for power input
Operating Temperature	<ul style="list-style-type: none"> • -40°C~70°C
Operating Humidity	<ul style="list-style-type: none"> • 5% to 95% (Non-condensing)
Storage Temperature	<ul style="list-style-type: none"> • -40°C~85°C
Housing	<ul style="list-style-type: none"> • IP40 Design, high graded Aluminum
Dimension	<ul style="list-style-type: none"> • 58x34x49mm (LxWxD)
Installation mounting	<ul style="list-style-type: none"> • DIN Rail mounted, • Panel Mounted,
EMC/EMS	<ul style="list-style-type: none"> • CE, FCC
EMI	<ul style="list-style-type: none"> • FCC Part 15 Subpart B Class A, • CE EN 55022 Class A
EMS	<ul style="list-style-type: none"> • EN61000-4-2 (ESD) Level 3 • EN61000-4-3 (RS) Level 3 • EN61000-4-4 (EFT) Level 3 • EN61000-4-5 (Surge) Level 3 • EN61000-4-6 (CS) Level 3 • EN 61000-4-8 (PFMF) Level 1
Safety	<ul style="list-style-type: none"> • UL508 (Pending)
Rail Traffic	<ul style="list-style-type: none"> • EN 50121-4 (Pending)
Shock	<ul style="list-style-type: none"> • IEC 60068-2-27
Freefall	<ul style="list-style-type: none"> • IEC 60068-2-32
Vibration	<ul style="list-style-type: none"> • IEC 60068-2-6



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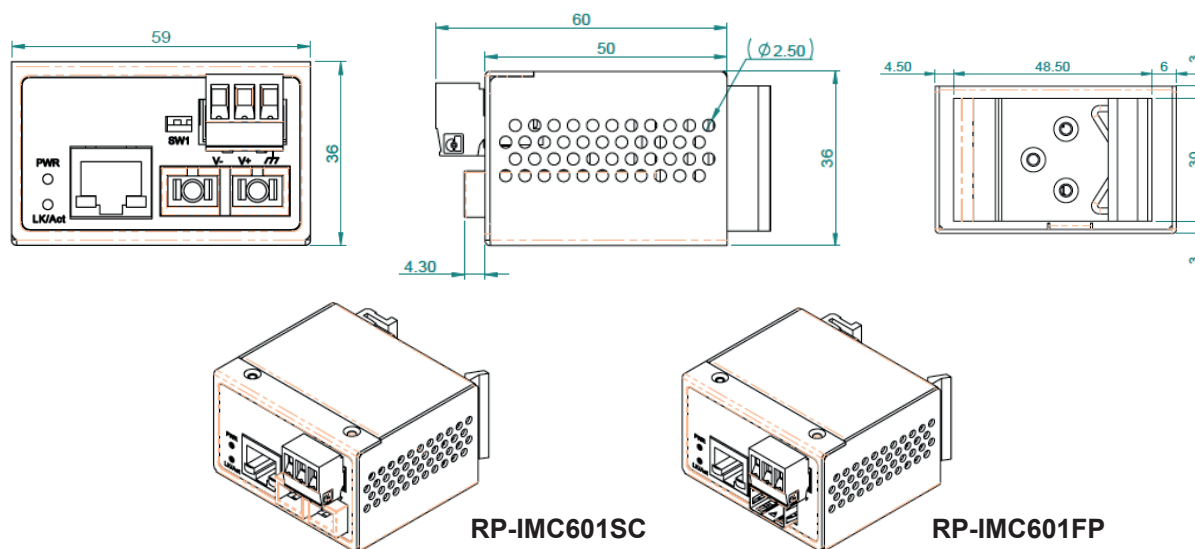
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Diagram



Ordering information

RP-IMC601SC	10/100Base-TX to 100Base-FX Industrial Media Converter, Multi-mode, 2km/1310nm, SC connector
RP-IMC601C30	10/100Base-TX to 100Base-X SFP Industrial Media Converter Single-mode, 30km/1310nm, SC connector
RP-IMC601ST	10/100Base-TX to 100Base-FX Industrial Media Converter, Multi-mode, 2km/1310nm, ST connector
RP-IMC601FP	10/100Base-TX to 100Base-X SFP Industrial Media Converter