

10/100 Mbps Ethernet BASE-T/
TX to 100 SFP (MM or SM) or
10/100 Mbps Ethernet BASE-T/
TX to 100 3km SM SC

Port supports Auto-Negotiation
for 10/100 full duplex or half
duplex data

Optical port supports
100Mbps full duplex data

Distances up to 160 km SM with
optional SFPs

Flexible power 18-46VAC
/ 12-60VDC

Uses interchangeable SFP mod-
ules for fiber type, distance and
connector
(SFP Model)

Voltage transient protection on
all power and signal input/
output lines provides protection
from power surges and other
voltage transient events

No in-field optical
adjustments required

LED indicators provided
for confirming equipment
operating status

Exceeds TS2
Specifications

Models available:

MC-100- C 100FX 30km SC
MC-100-SFP 100FX SFC port



ITS-Express-MC-100-C

This true mini, rugged 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.

This true mini, Hardened media converter is designed for where critical but space-limited outdoor CAM enclosure. It can be powered by wide range of 18-36 VAC or 12-60 VDC

With its small multi-purpose design, it can also be used for Din-Rail, wall-mounted, or mount in a camera housing. It is an ideal unit for IP surveillance, traffic monitoring and Security application in critical environment. It can tolerate -40°C to 85°C in harsh environment to perform a reliable network connection.

Distributed By:
Express Supply Inc.
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Specifications:

IEEE Standard	IEEE 802.3 10Base-T Ethernet, IEEE 802.3u 100Base-TX Fast Ethernet, IEEE802.3x Flow Control and Back Pressure		
Data Processing	Store and Forward	Flow Control	IEEE 802.3x Flow Control and Back Pressure
Architecture	Full wire speed conversion, Transparent conversion to 802.1Q VLAN tagged packets.		
MAC address Table Size	1K	Packet Buffer Size	1Mbits
Network Connector :	RJ-45 10/100M BaseT(X), Auto negotiation, Auto MDI/MDI-X function, Full/Half duplex Fiber ports: Depends on model: 100BaseFX SC 30km or SFP 100BaseX		
LED indicators	Power, Speed, Link/Act, Speed (TP port), Link/Act(TP and Fiber port)		
DIP Switch	Link Fault Pass Through (LFP) Converter Mode, Switch Mode		
Power protection	Surge protection diodes on power input	Connector protection	ESD protection diodes on TX port
Reserve Polarity protection	Present	Overload current protection	Present
Power Input	18V-36VAC, 12V-60VDC, DC Jack terminal cable supported (DC Barrel Connector)		
UL Standards	Use Isolated power supply to conform with UL 508 standard		
Power Consumption	1.44Watts	Removable Term. Block	3 pin contact terminal block for power input
Storage Temperature	-40 c to 85c	Housing Design	IP40 Design, high graded Aluminum / Din Rail Mounted / Panel Mounted
Operating Temperature	-40c to85c	Operating Humidity	5% to 95% Non-condensing
EMC/EMS/EMI	CE, FCC, FCC Part 15 Subpart B Class A, CE EN 55022 Class A		
EMS	EN61000-4-2 (ESD) Level 3, EN61000-4-3 (RS) Level 2, EN61000-4-4 (EFT) Level 2, EN61000-4-5 (Surge) Level 2, EN61000-4-6 (CS) Level 2, EN 61000-4-8 (PFMF) Level 1		
Safety	UL508 (Pending)	Rail Traffic	EN 50121-4 (Pending)
Shock	IEC 60068-2-27	Freefall	IEC 60068-2-32
Vibration	IEC 60068-2-6	Environmental	RoHS, REACH

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