

### INTRODUCTION

The AW-IHS-0203 series is a rugged Gigabit media converter designed for critical and space-limited outdoor applications. Designed for IP surveillance, traffic monitoring, and security applications in critical environments, the converter features a wide range of VAC and VDC input range, and an operating temperature ranging from -40°C to 75°C.

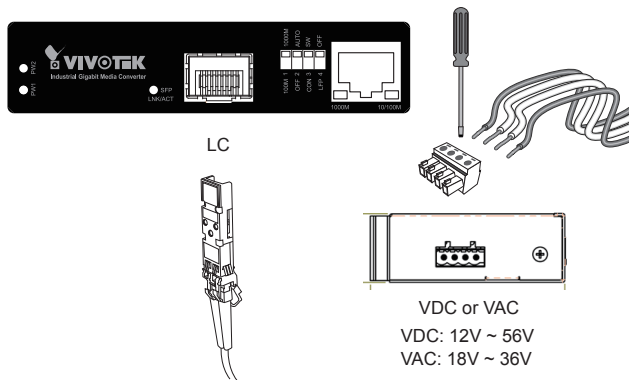
### PACKAGE CONTENTS

* 1x media converter	* 1x Quick Installation Guide
* 2x wall mount brackets	* 1x DIN rail bracket
* 1x 4-pin terminal block	

### IMPORTANT:

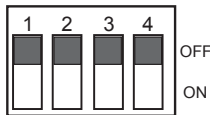
1. Install the converter in a ventilated and dry place that is free of electromagnetic source, vibration, moisture, and dust.
2. Make sure the ventilation openings on the converter are not blocked.
3. Use fiber optic cables and transceiver compliant with the following: Multi-mode: 50/125um, 62.5/125um, 850/1310nm; Single-mode: 9/125um, 1310/1550nm.
4. AC input (18~36V/AC, 50~60Hz), DC input (12V~56VDC). Follow the printed polarity for V+, V-, and Ground.

### CONNECTION



1. Pull out the 4-pin terminal block.
2. Connect wires to V+ and Ground.
3. Connect an SFP transceiver to the fiber port.
4. Install the 4-pin terminal block. You can connect redundant power line pairs for fault tolerance.

Solid or stranded (AWG): 12-24/14-22.  
Wire strip length: 7-8mm  
Torque: 5lb-In/0.5Nm/0.56Nm.



DIP 1	OFF	1000M SFP speed (default)
	ON	100M SFP speed
DIP 2	OFF	AUTO (SFP auto-negotiation - default)
	ON	OFF
DIP 3	OFF	Switch Mode enabled (default)
	ON	Converter mode
DIP 4	OFF	Disable LFP (Link Fault Pass through - default)
	ON	Enable LFP function.

### LED DEFINITIONS

<b>POWER PW1/PW2</b>	Green ON	Power is on and normal.
<b>Fiber Link/Act</b>	Green ON	Fiber is attached.
	Green Flashing	Data is being transmitted / received.
<b>LAN port Green</b>	Green ON	TX link is detected.
	Green Flashing	Data is being transmitted or received.
<b>LAN port Amber</b>	Amber ON	1000M speed is detected.
	Amber OFF	100M speed is detected.

All specifications are subject to change without notice.  
Copyright © 2015 VIVOTEK INC. All rights reserved.