AP-FXC- tdoor PoE Extender

Quick Installation Guide

INTRODUCTION

AP-FXC-0160: 1 PoE IN - to - 1 PoE OUT.
AP-FXC-0260: 1 PoE IN - to - 2 PoE OUT.
The AP-FXC-0160/0260 is a PoE extender capable of receiving 95W power from PSE. Multiple extenders can be cascaded to increase the cabling distance.

PACKAGE CONTENTS

• 1x PoE extender	• 1x Quick Installation Guide

⚠ IMPORTANT:

1. Install the device in a ventilated and dry place, that is free of electromagnetic source, vibration, moisture, and dust.
2. Make sure the ventilation openings on the extender are not blocked.
3. Use CAT5 or 6 UTP/STP cables. Avoid using low-quality cables, which will seriously limit the cabling distance.

CONNECTION

Following are the conditions for making the cabling:

1. Use 18~19Ω, 24AWG CAT5 cables.
2. Typical VIVOTEK cameras stream size feature = 1080p@30fps - 6Mbps; 720p@30fps - 3Mbps.
   Make sure the combined bandwidth consumption does not exceed the uplink bandwidth from the PoE switch.

NOTE: There are power losses due to cable resistance.

LED DEFINITIONS

PoE IN	Green ON	LAN: Data is being transmitted or received.
	Yellow ON	PWR: PoE IN port is connected to PSE.
	OFF	No connection.
Power OUT#	Green ON	LAN: Data is being transmitted or received.
	Yellow ON	PWR: PoE OUT port is connected to PD.
	OFF	No connection.

DIP SWITCH DEFINITIONS

DIP#	ON	Turn on PoE output for the PoE out port.
	OFF	Turn off PoE output for the PoE out port.

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VIVOTEK INC.
6F, No.192, Lien-Cheng Rd., Chung-Ho, New Taipei City, 235, Taiwan, R.O.C.
| T: +886-2-82455282 | F: +886-2-82455532 | E: sales@vivotek.com

VIVOTEK USA, INC.
2050 Ringwood Avenue, San Jose, CA 95131
| T: 408-773-8686 | F: 408-773-8298 | E: salesusa@vivotek.com

VIVOTEK Europe
Randstad 22-133, 1316BW Almere, The Netherlands
T: +31(0)36-5298-434 E: saleseurope@vivotek.com

Available from A1 Security Cameras
www.a1securitycameras.com email: sales@a1securitycameras.com