

PoE Template

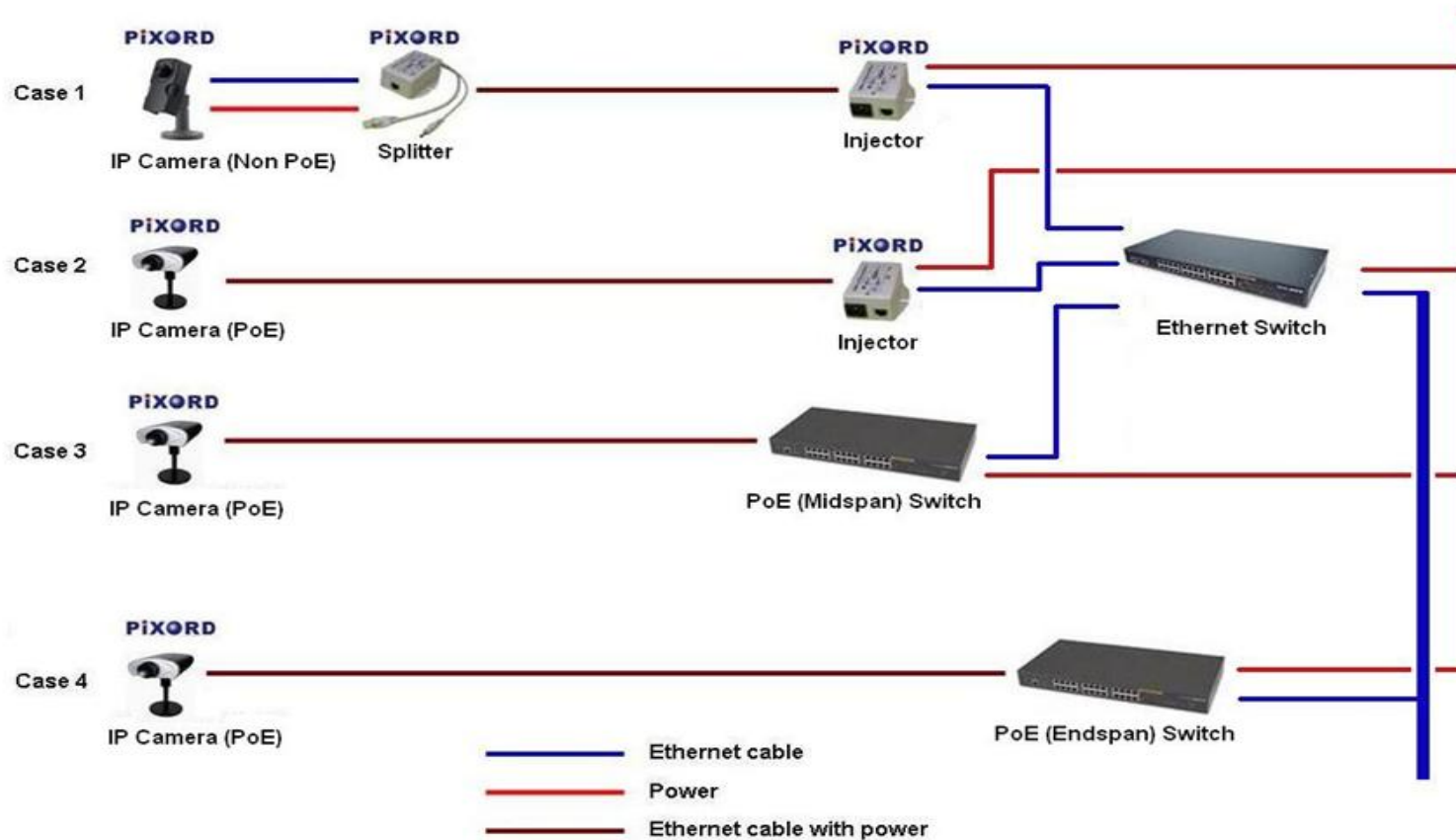
IP Camera application



What is PoE?

PoE (Power Over Ethernet - 802.3af) is a technology transferring electrical power to a remote device over Ethernet cable in a network. The transmission is done in the same cable as data. Thus, there is no modification required for the existing cabling infrastructure.

PoE Solution Template



This PoE application can be used as solutions in different circumstances. Case 1 ~ 3 of above figure presents the PoE solution for an existing network without PoE capability, while case 4 is applied in a brand new PoE network. Please refer to this PoE Solution Template and four cases' explanations in next page.

Case 1

If IP camera does not support PoE such as PiXORD P-405, you have to use the PoE kit (a PoE Injector with Splitter)

Case 2

If IP camera supports PoE such as PiXORD P-400, you can use just a PoE Injector for this application.

Case 3

If IP camera supports PoE such as PiXORD P-400, you can use PoE Midspan Switch for the connection. In this case, multiple PoE cameras can be connected to the same PoE Midspan Switch.

Case 4

If IP camera supports PoE such as PiXORD P-400, you can use PoE Switch for the direct connection (no any injector/midspan is required). In this case, multiple PoE cameras can also be connected to the same PoE Switch.

Note:

For any network (PoE) switch information, please contact your local provider of network equipment.