

Installation & Configuration Report

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1. Project Title

Supply and Installation of Wireless IP Camers Monitoring System along the Sultan Hassanal Bolkiah Highway to Control Room around 3.7KM ~ 4KM distance.

2. Location Area

Along the Sultan Hassanal Bolkiah Highway (SHB Highway)



3. Wireless Outdoor AP Installation Photos

A1 Point

BEFORE

AFTER



B1B2 Points



C1C2 Points

BEFORE



AFTER



D1D2 Points

BEFORE



AFTER



E1E2E3 Points



8. Install 5 IP Cameras Locations



IP Camera No 1 & 2 at Wireless Access Point B1B2

Two IP Cameras Photo At B1B2



IP Camera Image At B1



IP Camera Image At B2



IP Camera No 3 at Wireless Access Point C1C2

One IP Camera Photo At C1C2



IP Camera Image At C1



IP Camera No 4 and 5 at Wireless Access Point D1D2

Two IP Cameras Photo At D1D2



IP Camera Image At D1



IP Camera Image At D2

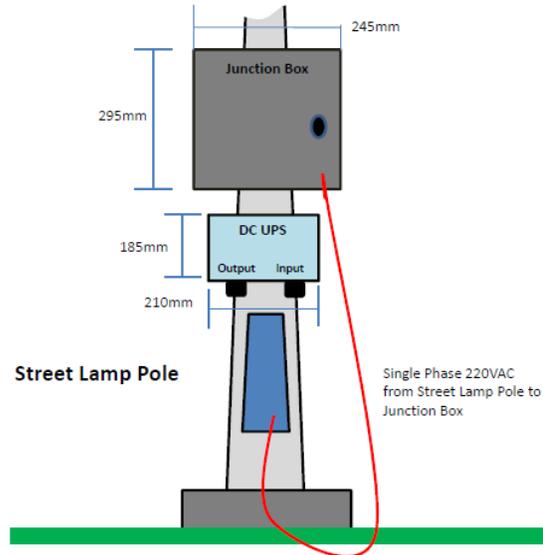


9. Install Electrical Supply, Junction Box & DC UPS Battery

Hardware & Wiring Diagrams

Proposal Wiring Diagram

Installation of Junction Box and Outdoor DC UPS at Street Lamp Pole



Junction Box

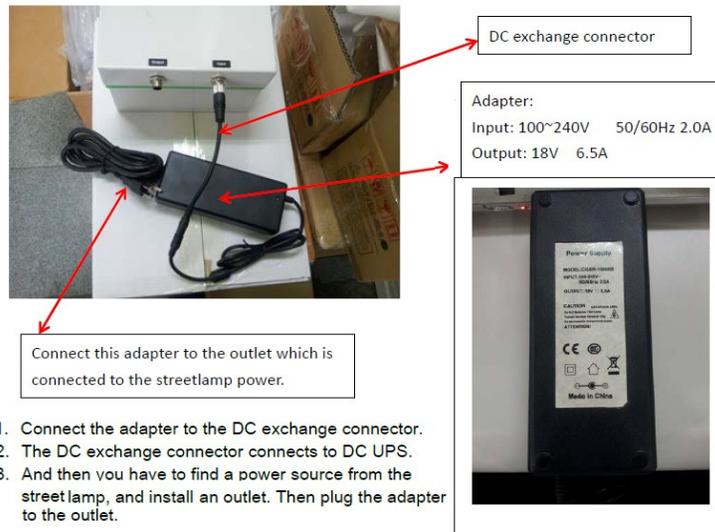
The electrical junction box consists of circuit breaker for incoming 220~240VAC, one socket for incoming 220~240VAC, 12VDC to 110VAC Inverter, POE Splitter, Power socket extension cables.



IO-Power Street Lamp Outdoor DC UPS Battery



IO-Power Street Lamp Outdoor DC UPS Battery Installation



Installed input power M12 Female Connector



Connected to 220~240VAC Power Source of Steet Lamp

Connected to "Input" of DC UPS M12 Connector

Input power DC M12 Male & Female into hole



M12 Male Connector at DC UPS



Input M12 Female connector cable

Alignment position Input M12 Male Groove insert locking (please do the waterproof protection)



Junction Box, Electrical Supply & DC UPS Battery

Installation Photo with IO-Power DC UPS & Junction box

Total four (4) IO-POWER Street Lamp DC UPS were installed and able to provide the power supplies to IP cameras & Wireless outdoor access points during the day time (i.e. 6:30am to 6:30pm) and also supply & recharge when street lamp power supply was turned on during night time (i.e. from 6:30pm to next day 6:30am)

