



Statement of Work  
WIFI Access Point and cabling installation

Super League Gaming, Inc.  
April 18<sup>th</sup>, 2016

## 1) Field Installation

To provide proper WIFI coverage and connectivity for the Super League Gaming events held in Cinemark locations, the WIFI Access Point (WAP) needs to be placed inside the theaters with no obstruction or interference between the game players and the WIFI.

## 2) Scope

This section will detail the cabling and installation of the WAP in the theater and cabling to the Super League Equipment in the projection room.

## 3) Assumptions

1. The ceiling is low enough to access using a ladder.
2. The ceiling is a tile ceiling with a mountable cross section.
3. Super League Gaming will provide all necessary conduit, piping, equipment, and cables.
4. Working hours in the theater are before the first movie, and or during intervals if it does not pose an issue to theater customers.

## 4) Bill of Materials

All the materials and equipment will be supplied except **10ft (or as needed) ¾" EMT bendable metal conduit (you will need to purchase)**

## 5) Installation

1. Install one Xirrus XR-4436 WAP in the theater to the tile ceiling T-bar, using the manufacturer designates T-bar clips (4 is preferred but if necessary 2 is ok).
2. Penetration through the projection room and theater wall above the tile ceiling, using a ¾" metal conduit. Penetrations are to be filled with fire resistant putty to follow fire codes, and regulations.
3. Connect the penetration conduit in the projection room with compression fitting on the single gang handy box. Then mount single gang handy box to wall.
4. Pull 2 Cat6 cables (gray is back up)
5. Connect to Xirrus (plug cable into center POE port) and **take all pictures needed in auditorium.**
6. In projection room, pull cat6 cables through box and ¾" EMT (measured and cut to fit if necessary).
7. Connect ¾" EMT to compression fitting at top handy box.
8. Pull Cat6 cables through lower handy box. Then connect ¾" EMT to lower handy box with compression fittings. Attach lower box to wall.
9. Pull Cat6 cables through liquid tight. Then attach liquid tight to lower gang box.
10. Pull Cat6 cables through liquid tight elbow. Attach elbow to liquid tight and to Super League Gaming rack on the bottom.
11. Attach Black cable to POE in the bottom of the rack and leave gray neatly coiled in bottom of rack.

## **6) Pictures Required**

1. Picture of metal clips on T-bar of drop tile ceiling
2. Picture of plastic mount attached to metal clips with metal tab extended
3. Picture of metal tab from plastic mount zip tied to Xirrus
4. Picture of Xirrus up close and pulled out (we need to see the wall in picture)
5. Picture of Xirrus with cover up close and pulled out
6. Picture of penetration auditorium side and projector side (up close and pulled out of each)
7. Picture of upper handy box attached to penetration conduit and EMT
8. Picture of lower handy box attached to EMT and liquid tight and liquid tight attached to rack
9. Picture of Front, Left, Right, and Back of the rack.
10. Picture pulled out to see how the rack is placed in projection room.
11. Picture of the movie screen after adjustments(can be taken from projection booth window)
12. Picture of Xirrus WIFI inspector screen (or other approved WIFI signal readers)

**Pictures have to be uploaded on site** to the folder with your location on [www.drive.google.com](http://www.drive.google.com) (free app for IOS and Android)

Account: [rpavslg@gmail.com](mailto:rpavslg@gmail.com) password: gamer 2016

## **7) Q&A Testing**

1. Once the cabling and install of conduit is finished, Super League Gaming will test through the internet that the WAP is proper functioning and that the cables have been properly connected. Call 855-220-6482.

## **8) Check Offs to Leave**

1. You will need to get approval from network
2. You will need to get approval of pictures

**If you get approval from both network and pictures you are good to go. THANKS!**

## Exhibit A -Example Pictures



example of drywall penetration and fire resistant caulk



Upper handy box covering penetration and conduit



Example of liquid tight, rack, lower handy box and EMT.



Pulled out picture of Xirus to confirm positioned correctly



Up close picture of Xirus



Xirus with matte black cover



4 clips is preferred but if not possible then 2 will be fine



Plastic mount with metal tab extended.



Plastic mount attached to metal clips with metal tab extended



Zip tie the metal tab on the plastic mount and Xirrus together

