

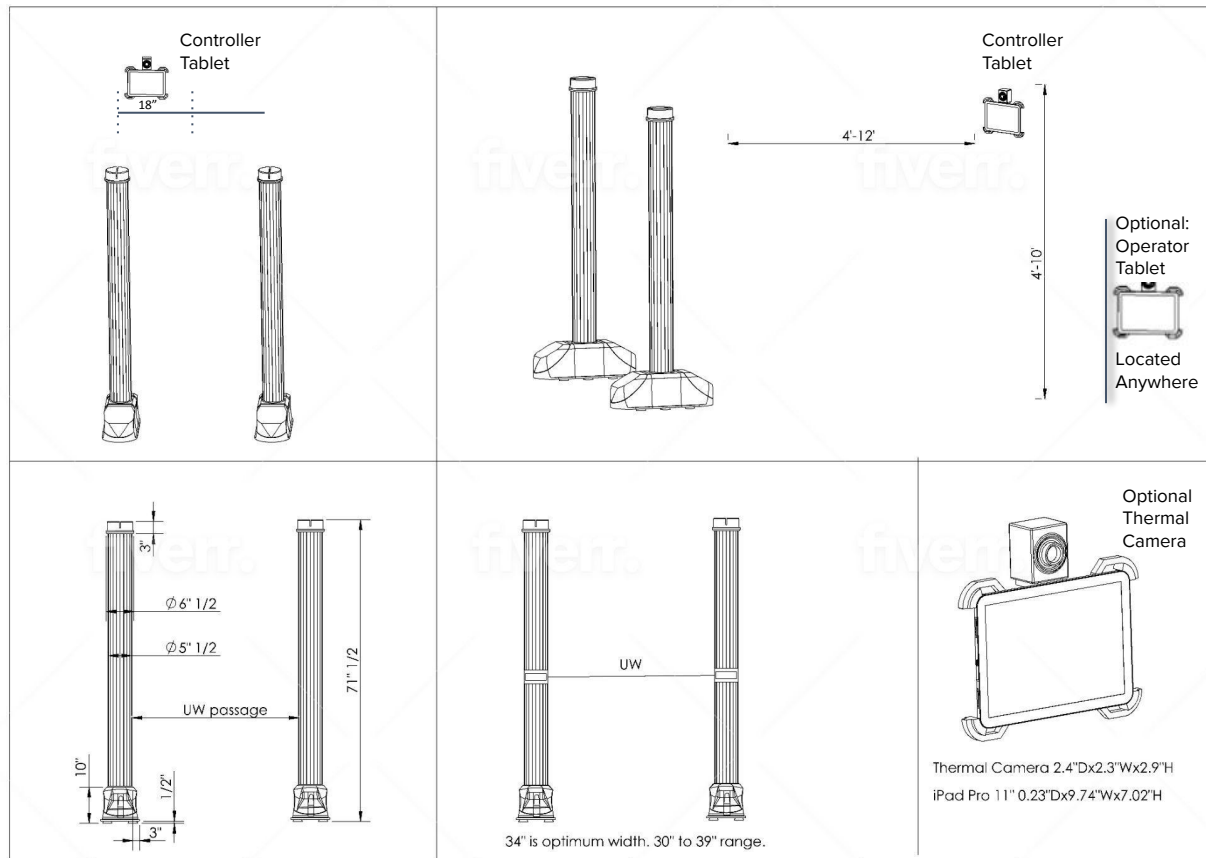
Weapons Detection Product Dimensions and Space Planning



**ATHENA**

On A Mission To Save Lives

# Space Planning and Setup Distances





# Space Planning Discussion Continued



The Control Unit can be Wall, Ceiling, or Stand mounted (as shown to the right on a 5' High Heavy Stand) and placed at a distance of 4' to 12' from the weapon screening polls. The Operator Unit can be located a variety of places, and has a 42" Stand.

## Mechanical Noise Considerations:

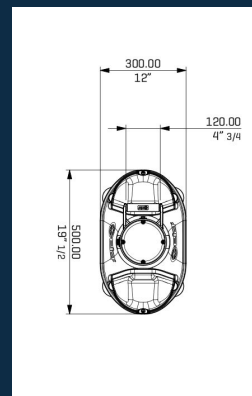
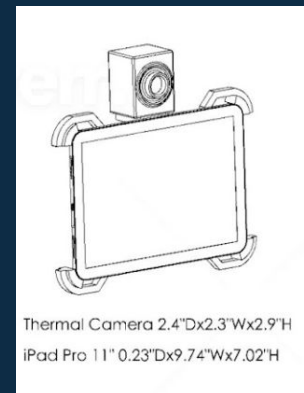
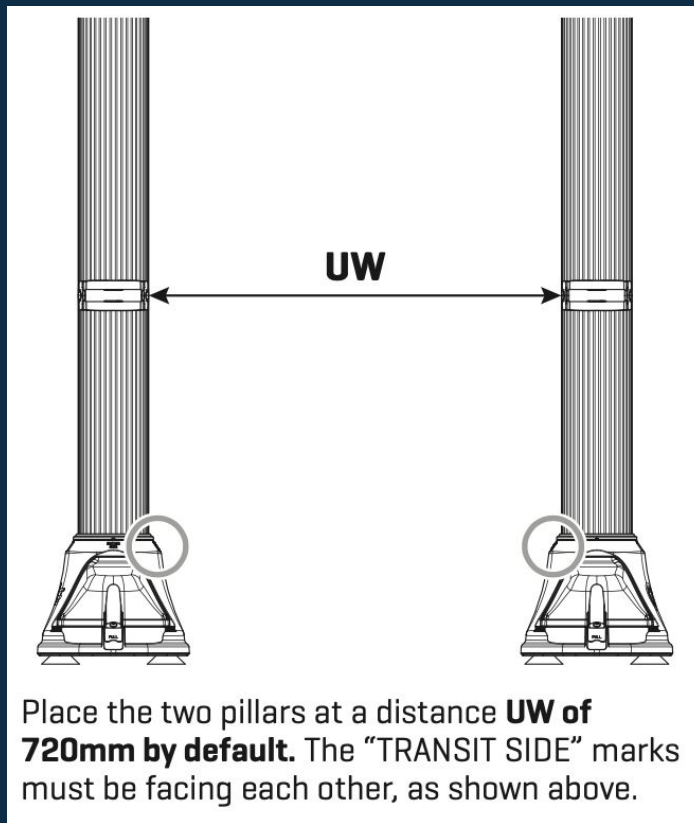
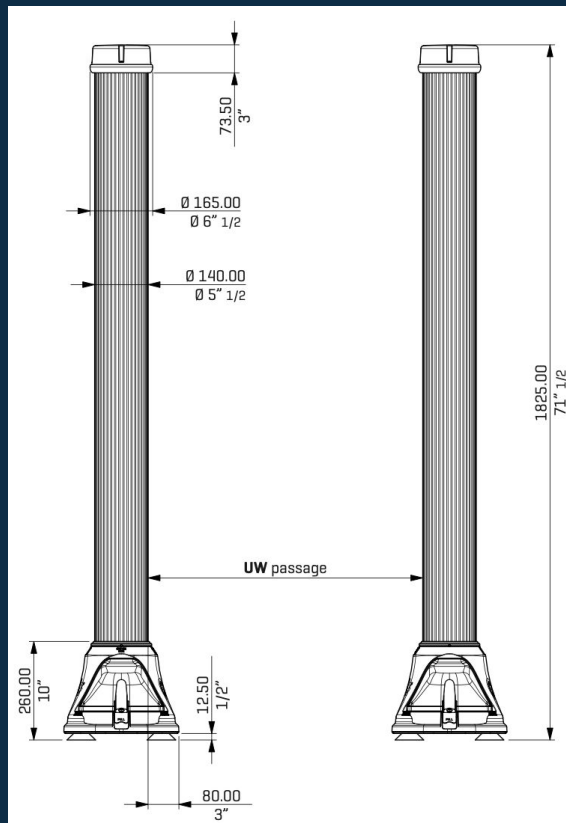
Moving or sliding metal within 30" of the weapon screening poles may interfere and produce false alerts.

## Electrical Noise Considerations:

High voltage spikes from junction boxes, in floor power cables, and even electrical motors like fans, heaters, and AC units may create noise. Distance alone is able to fix this issue, so need 4-8'+ distance.



# Product Dimensions





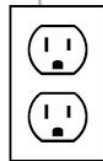
# Power Adapter Requirements

Please note: All Devices can be 100% Battery Powered

Four devices need to be powered:

- 1) Main Pole
- 2) Antenna Pole
- 3) Controller tablet
- 4) Optional: Operator tablet

One 15 amp  
dedicated circuit  
is recommended



Pole power  
cords are 6 feet  
long



# Controller Tablet Details (Thermal Camera Optional)



## Dimensions:

Thermal Camera 2.4" depth x 2.9" height x 2.3 width

Controller Tablet Ipad Pro 11" 0.23 depth x 7.02" height x 9.74" width

## Power:

Camera requires 12 volt DC power supply.

Ipad requires 20w, 5 volt USB C charger to adapter

<https://www.apple.com/ipad-pro/specs/> for more info

Adapter is USBC to USB-C and Network Cable

## Battery Option:

100% battery powered by request, which comes with an external 250 Watt Hour battery pack or better.

## Case And Mount:

As shown with "Caddie-Buddy and C clip" mount, which is the default mount. 1/4" standard security camera mount. Can be Wall or Ceiling mounted.

Vandal Proof Case and Mount also available.



# Shipping Dimensions

## General

Outside carton dimensions:

22" x 23" x 84"

Weight

99 LBS

## Ships LTL

May have additional FedEx packages to accompany this LTL shipment depending on exact selection and configuration.



## Aesthetic Options

**We don't specialize in the aesthetic options, but can guide you to resources to help make available:**

Cloth Covering ~\$500 each

Variety of colors: Black and Brown are most popular.

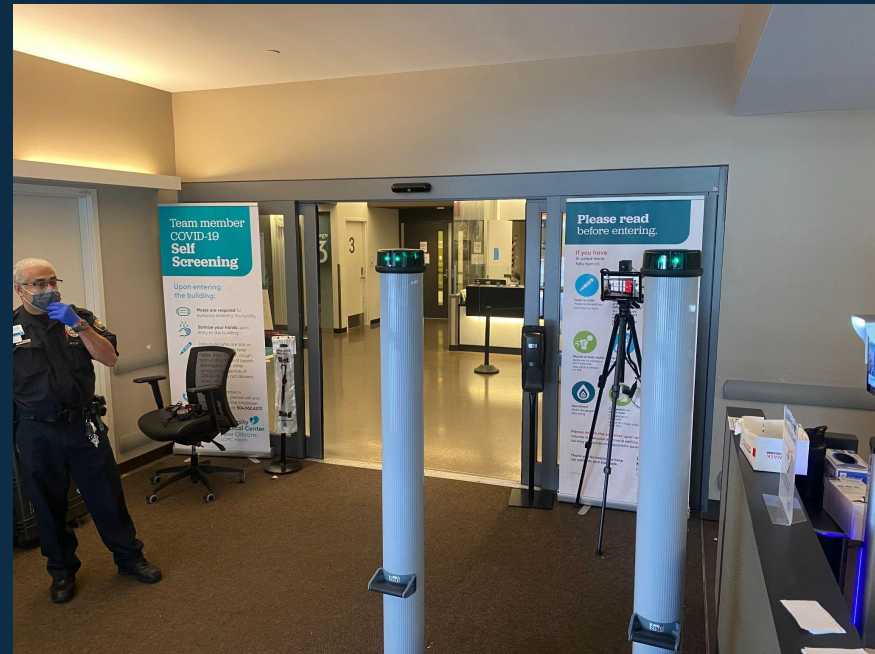
Wood with Matching Stain ~\$4,000+ each

Variety of wood trim, stains, and styles.





## Example Layouts





# Example Casino Deployment Layout







## Example Church Deployment Layout

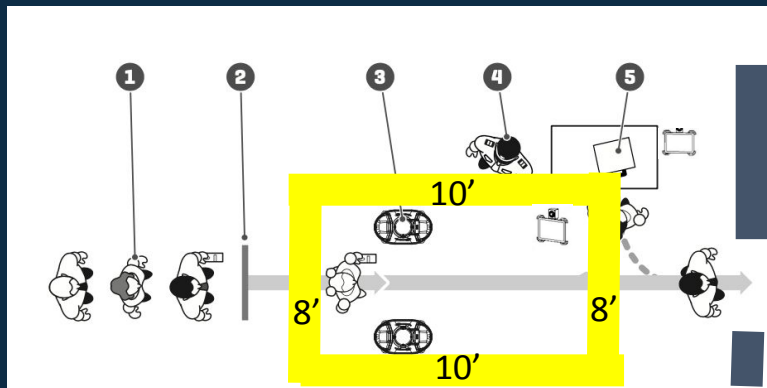




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Methodologies are evolving because of technology, which impacts space layout.

## Event Methodologies Linear Progression Checkpoint Setup



### Space Consideration:

1. 36" Clearance in all directions from moving metal around each pole
1. This Yellow Box is 10' Long x 8' Wide

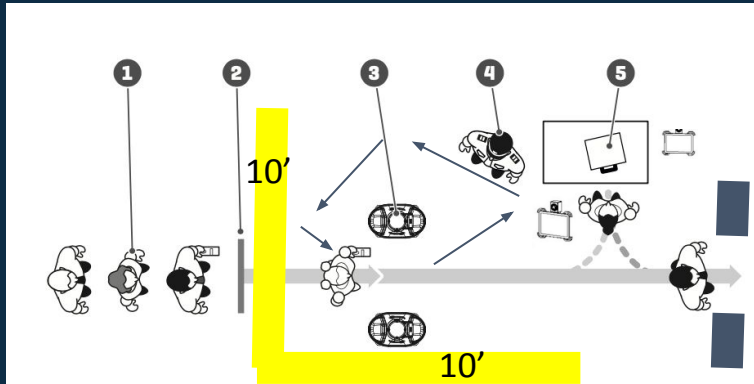
### This Yo-Yo Method Security Checkpoint Setup:

1. Queue of people
2. Waiting Line
3. Transit completely through the poles
4. Security Resource
5. Divesting Table
6. The Failed person divests, and yo-yo's back to the waiting line, and is screened again.
7. Auto-Lock, Hardened Entryway



Methodologies are evolving because of technology

## Event Methodologies Option 2: Carrossel Security Checkpoint Setup



### Space Consideration:

1. 36" Clearance in all directions from moving metal around each pole

1. This Yellow Box is 10' Long x 10' Wide

### Diagram shows:

1. Queue of people
2. Waiting Line
3. Transit completely through the poles
4. Security Resource
5. Alarmed/Failed subjects go around again, holding up any metal item.
6. Auto-lock hardened Entryway



## Example Aesthetic Options With Sleeves

