



# Hanwha Techwin Wisenet Mobile Apps



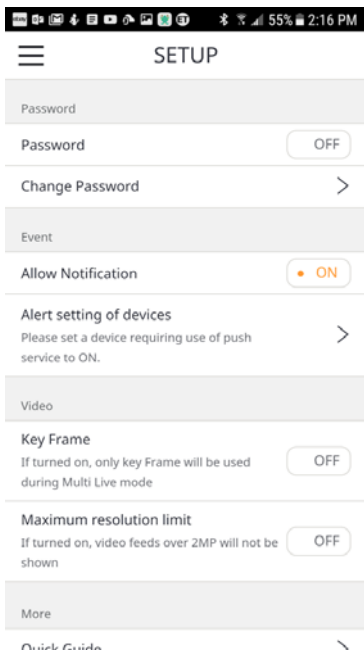
**Aaron Saks**  
Product & Technical Manager

## Agenda

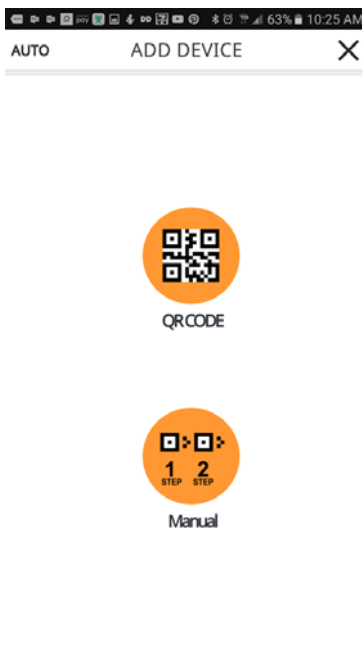
- Wisenet Mobile
- Wisenet Installation
- Wisenet Toolbox

# Wisenet Mobile App

- Easy Device Registration with QR Code P2P / Device Discovery on local network
- Supports multi-profile NVRs, high resolution cameras
- Device based for ease of use
- 1/4/9/16 camera live / playback, 4-channel sync playback



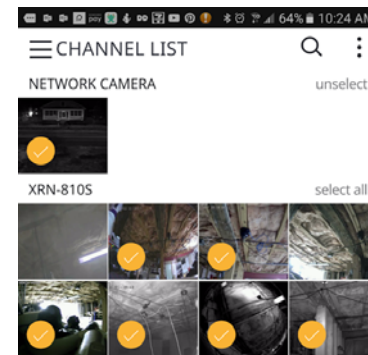
Setup



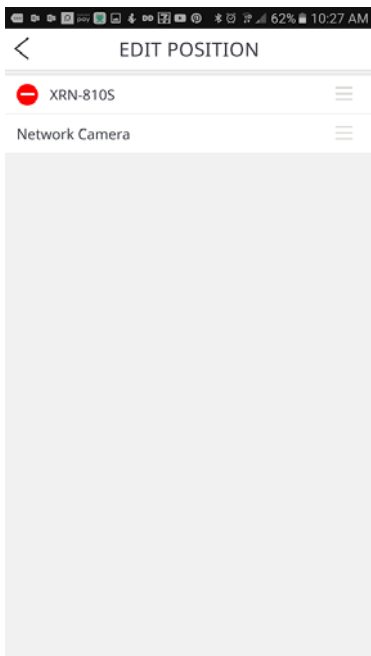
Manual Device Registration



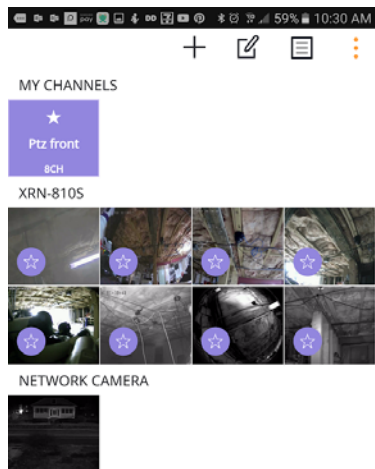
Device Search



# Wisenet Mobile App



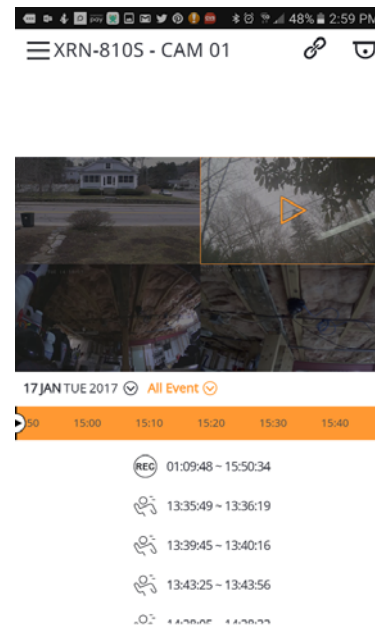
Channel selection



Live



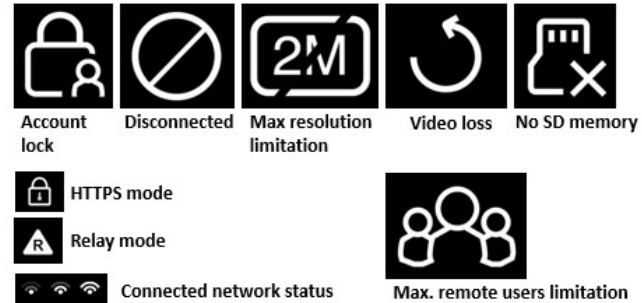
Drop and Drag channels



Playback

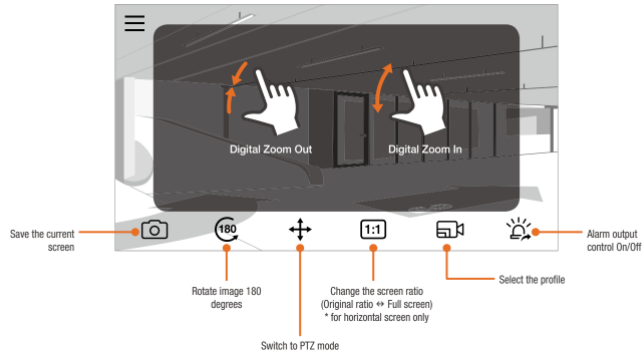
### Supported Devices:

- Wisenet P Series
- Wisenet X Series
- Wisenet Q Series
- PRN-4011, XRN-3010, XRN-1610/1610S
- XRN-410S/810S, QRN-410/810 (Push notification models)

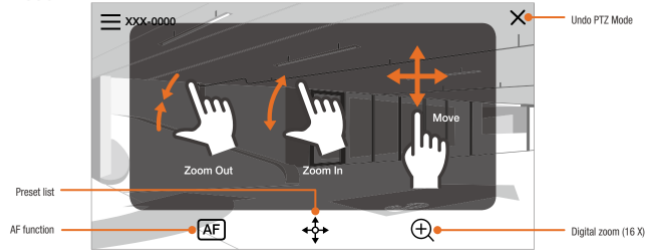


\* Please check the device's max user's access.

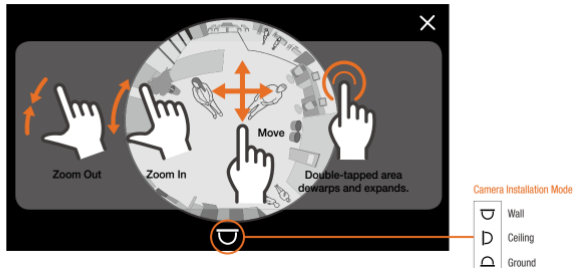
## 1-Channel Mode Screen and Button Description



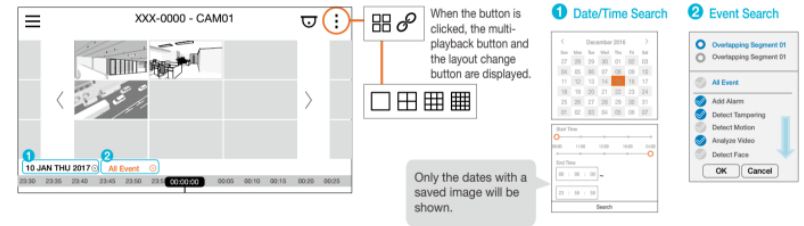
## PTZ Mode



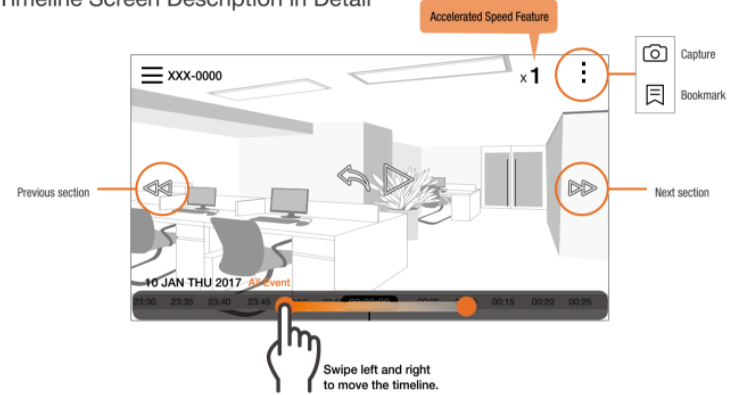
## Fisheye Mode



## Searching by Date/Time and Event



## Timeline Screen Description in Detail



## Searching the Bookmark



## Wisenet Mobile App



QR Code NVR registration. No Port forwarding required. Works on internal & external networks.

P2P can be disabled in NVR menu for enhanced cyber security.

Devices can be registered manually by IP address, DDNS, & auto-discovery.





# Wisenet USB Installation App

## Installation with USB



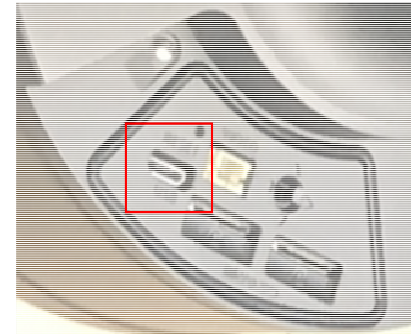
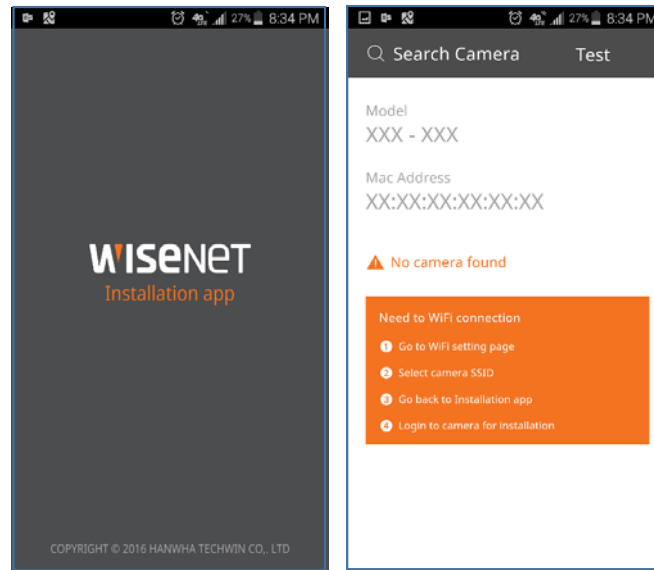
Connect the Wisenet X series camera to a mobile phone to help with installation

# Convenient USB Port

Use a USB Wi-Fi dongle for easy camera adjustment:

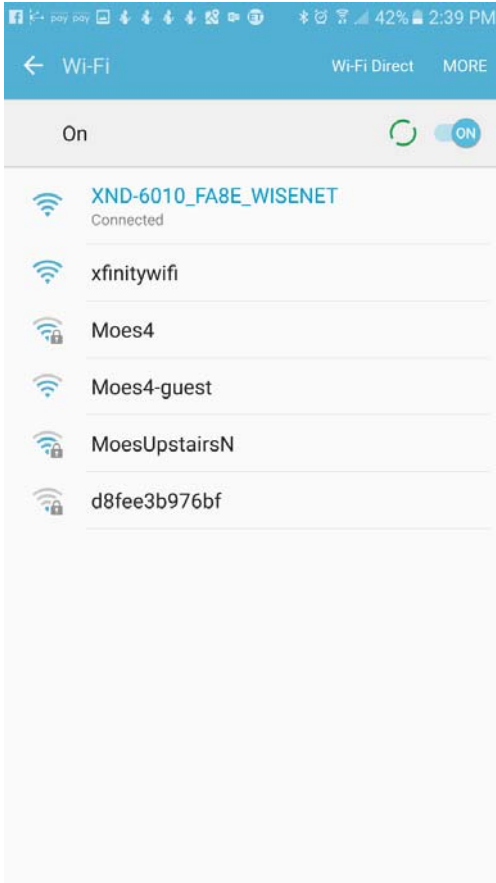
The Wisenet Installation app, for Android and iPhone will provide quick 720P video on your mobile device without the need to connect to the network infrastructure.

The app allows for password entry, live image viewing, & image snapshot.

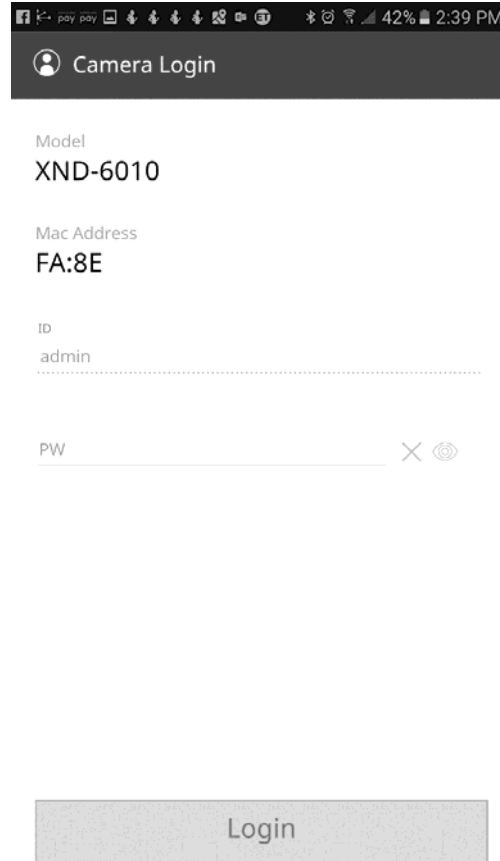


### Key benefits:

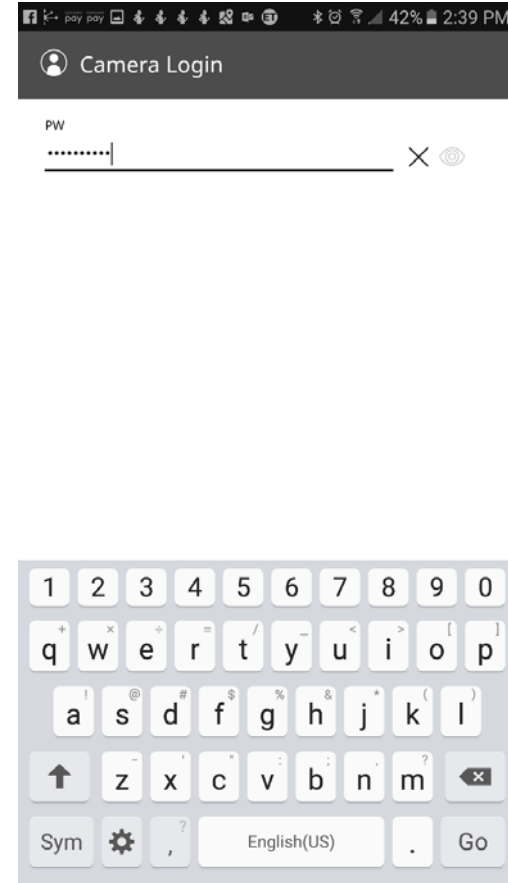
- No need to take expensive laptop up on the ladder.
- No need to unplug camera or use 3<sup>rd</sup> party installation/PoE accessories
- No need to connect to customer's network or Wi-Fi
- No need to install plugins, determine IP addressing
- USB port is on the dome side of the camera for ease of access



Connect to Camera's WiFi.  
The last 4 digits of the MAC address  
are shown.



Enter camera's username &  
Password if not at default.



Supported features include:

- View Live Video
- Image Snapshot
- Simple Focus
- Zoom Control
- Flip/Mirror



☰ Live

Model	Mac Address
XND-8080...	00:16:6C:C...



< Video Setup ✓

Model	Mac Address
XND-8080...	00:16:6C:C...

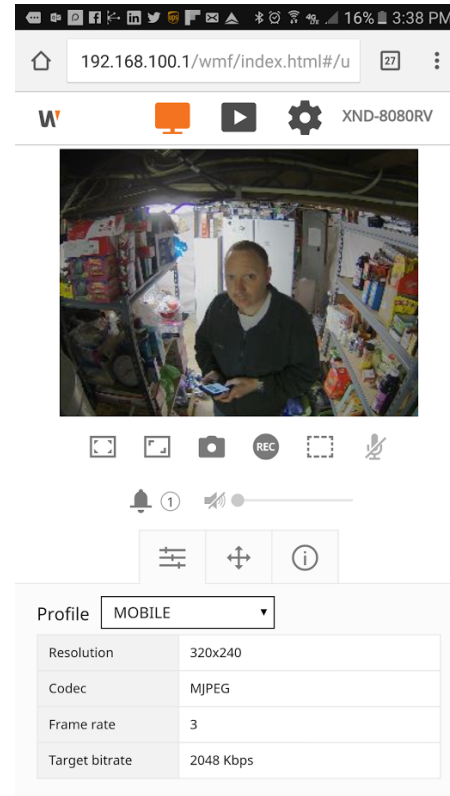


## Tip!!

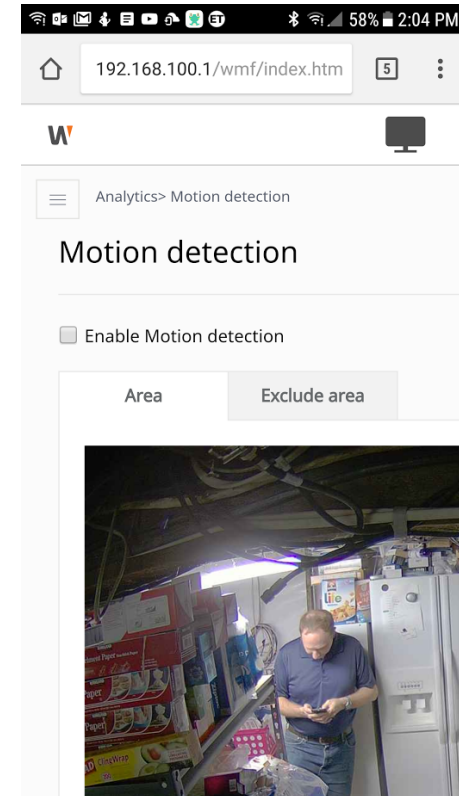
Wisenet X series cameras are cross-browser compatible, as they do not require a plugin to view basic video streaming & access camera setup menus.

You can use the Wi-Fi dongle and connect to the existing IP address or the Wi-Fi address of 192.168.100.1 to configure any setup via mobile device.

Wisenet X series cameras utilize responsive web technologies, allows ease of use on different screen sizes.



Profile	MOBILE
Resolution	320x240
Codec	MJPEG
Frame rate	3
Target bitrate	2048 Kbps



Analytics > Motion detection

### Motion detection





Enable Motion detection

Area  Exclude area

# Wi-Fi Dongle Compatibility

The following Wi-Fi adapters are compatible with the Wisenet X series.  
They are readily available in the US market (Amazon) at a low price.

A USB OTG MicroUSB cable is also needed.

Chipset	Manufacturer	Model	Image
RTL8192C	NETIS ( <a href="http://www.netis-systems.com">www.netis-systems.com</a> )	WF2123 n300	
	EDIMAX ( <a href="http://www.edmax.com">www.edmax.com</a> )	EW-7811Un	
	ASUS ( <a href="http://www.asus.com">www.asus.com</a> )	USB-N13	
	NETGEAR ( <a href="http://www.netgear.com">www.netgear.com</a> )	WNA3100M	



# Wisenet Toolbox

Wisenet Toolbox consolidates the previous Product Selector, Bandwidth Calculator, & FoV Calculator as well as provides a consistent interface on Mobile, PC, & Web.

WISENET TOOLBOX

New Network Analog DVR NVR Software

Type ↓

DOME 70	<b>XND-6010</b> NEW	<b>XNV-6011</b> NEW
	Info FoV	Info FoV
<b>XNV-8040R</b> NEW	<b>XNV-8030R</b> NEW	<b>XNV-8020R</b> NEW
Info FoV	Info FoV	Info FoV
<b>XND-8040R</b> NEW	<b>XND-8030R</b> NEW	<b>XND-8020R</b> NEW
Info FoV	Info FoV	Info FoV
<b>XNV-6020R</b> NEW	<b>XND-6020R</b> NEW	<b>XNV-6010</b> NEW
Info FoV	Info FoV	Info FoV

INFORMATION

XND-6010 XNV-8030R

VIDEO		
Imaging Sensor Size	1/2.8"	1/1.8"
Megapixel Sensor	Yes	Yes
Sensor size in Megapixel	2M	5M
Min. Illumination (Color)	0.055 lux(F2.0, 1/30sec)	0.16Lux (F1 1/30sec)
Min. Illumination (B/W)	0.0055Lux(F2.0, 1/30sec)	0Lux(IR LEE On)
Analog Video Output (For Installation)	Yes	Yes
LENS		
Lens Type	Fixed Iris	Fixed Iris
Focus Type	Fixed Lens	Fixed Lens

Export PDF  
XND-6010 and XNV-8030R

INFORMATION

MECHANICAL

Outdoor Use Indoor

IK10 No

ACCESSORY

Dome Flush Mount

SHD-3000F4

Parapet Mount

SBP-300HMB SBP-300LM

Ceiling Mount

SBP-300HMB SBP-300CM

Wall Mount

SBP-300HMB SBP-300WM1

Wall Mount(Curved neck)

SBP-300HMB SBP-300WM

Search

Search Filter

SN -

Series

Back S Smart

P Premium X Versatile

Q Quality H Advanced

T Vertical

PTZ

	<b>SNP-L5233</b> 2016 Year, WiseNETLite...	<b>SNP-L6233H</b> 2016 Year, WiseNETLite...	<b>SNP-L6233</b> 2016 Year, WiseNETLite...
	Info FoV	Info FoV	Info FoV
<b>SNP-6321</b>	<b>SNP-6230RH</b>	<b>SNP-5321H</b>	
Info FoV	Info FoV	Info FoV	



Product selection, comparison, search, accessory compatibility.

Bandwidth Calculator



Recording Duration

Live	Recording	Network	Total
10.64 Mbit/s	10.64 Mbit/s	10.64 Mbit/s	10.64 Mb

+ -

	XNV-8030R	<input type="text" value="1"/>	
	Group 0		

Live	Recording	Network	Total	Storage
5.32 Mbit/s	5.32 Mbit/s	5.32 Mbit/s	5.32 Mbit/s	402.19 GB

	XND-8030R	<input type="text" value="1"/>	
	Group 1		

Live	Recording	Network	Total	Storage
5.32 Mbit/s	5.32 Mbit/s	5.32 Mbit/s	5.32 Mbit/s	402.19 GB

**RESULT**  
Calculate NVR, HDD, SSM quantity and Recordable Time.

RESULT

Recording Duration 7 Day

Live	Recording	Network	Total
10.64 Mbit/s	10.64 Mbit/s	10.64 Mbit/s	10.64 Mb

NVR Calculator

NVR Model SRN-4000

RAID Type

Array 1 NA

Array 2 NA

HDD Size 1 TB

NVR Qty 1

HDD Qty 1

Recordable Time

HDD Size 1 TB

Recordable Duration 8 Day 16 Hour

SSM Calculator

Integrated bandwidth calculation, NVR calculation, & SSM calculation

**FoV Calculator**

XND-6080V

Information Meter Feet

Megapixel Mode: disable

Aspect Ratio: 16 : 9

Zoom Ratio: - x

Lens Focal Length ( 2.8 ~ 12 )

2.8 mm

Height of Camera

16.4 ft

Tilt of Camera

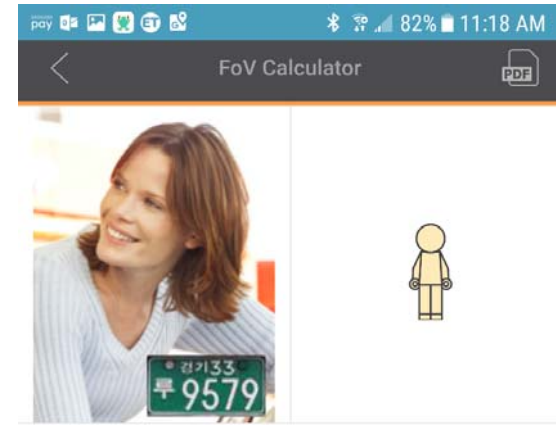
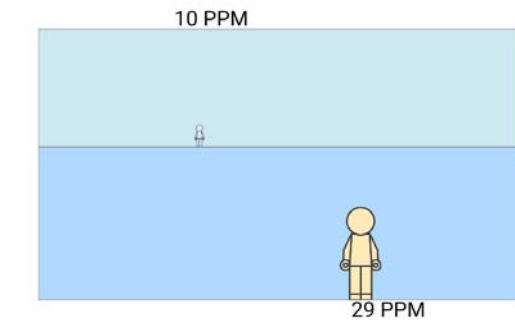
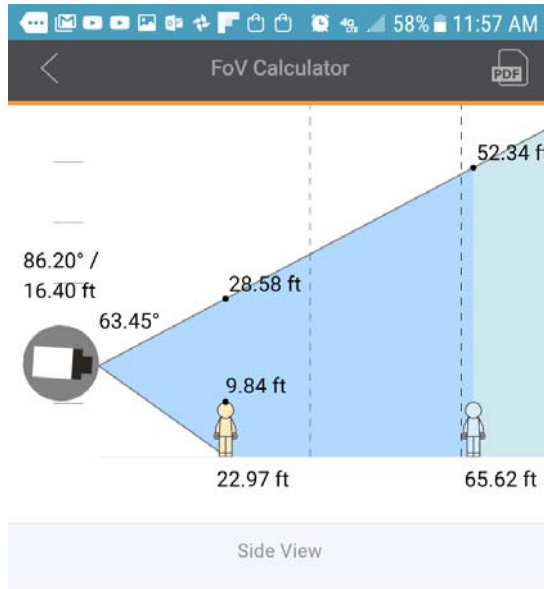
86.2 °

Object Distance

7 ft

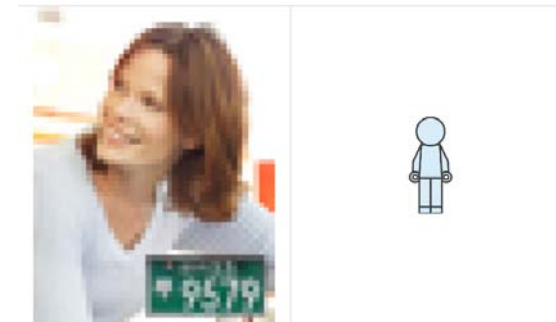
Object Distance

20 ft



**Identification 96 PPF**

Allows for detailed identification such as scars, birth marks, eye color, tattoos, etc.



**General surveillance 33 PPF**

FoV Calculator with foreground & background objects, & pixel density reference

# Wisenet Toolbox

DEMO