



1301 Broadway, PO Box 620  
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Toll Free 800-392-3922

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## WIRELESS NETWORK BRIDGE

Dear Installer,

With increasing frequency, Winic is fielding requests for an inexpensive solution that will allow large property owners needing network access in to buildings with no cable or satellite availability. Demand from farmers with remote out buildings housing expensive equipment want video observation to ranchers with requirements for remote Internet access in demand.

Now ATV Research offers a low cost, easy to install wireless solution designed for simple setup and long term use.

Our technical support team is proud to announce our new PROBE wireless communication products. Our new access point and multi-point "Connect and Forget" wireless technology offers easy setup and installation. Once installed and with a few simple switch settings, just plug in your remote IP cameras, laptop computers or network enabled televisions and problem solved. Finally a Wireless Bridge that is simple to install and will help your customers solve complex short distance camera communications using our PROBE AP SERIES WIRELESS products.

PROBE Wireless Bridges are designed for indoor and outdoor communications where trenching or flying cable is not practical or too costly. The PROBE AP panels provide transmission coverage that includes DIP switch controlled outdoor wireless AP, indoor ceiling AP, indoor in-wall AP, intelligent gateway, advertising routers, intelligent control switches, outdoor high-gain antennas and so on. Our PROBE wireless bridges are widely used in security wireless monitoring, industrial transmission, WiFi coverage and other fields where hard wiring is environmentally incompatible.

Call me to discuss our new and exciting technology. Learn how easy and inexpensively it is for your customers to put together a wireless solution capable of distances up to 5 kilometers.

## PROBE Access Point/Subscriber Unit



**PB-AP300-5 Access Point/Subscriber Unit**

### 5KM RANGE 300MBPS ACCESS POINT

Simple dial - up wireless AP. No need computer for operation, no technical settings, no need professional guidance. Easy configuration to achieve wireless communications by DIP switch are optimized for CCTV Video Transmission compared to other brands which mainly cater for NETWORK data transmission. AP/SU can transmit video data up to 5km, meeting most of the CCTV transmission range needs.

#### Simple Installation

- No extra accessories needed, easy installation with mounting kit included.
- Anti-interference Performance  
Dual band, switch selectable 2.4GHz / 5.8GHz transmission channel, achieves good performance and reliable data transmission.

#### Hardware Selectable

- Innovative DIP switch function, easiest way to set up a wireless link.

#### Maintenance-free

- Built-in security mechanism, smart setting for scheduling restart to keep 24/7 availability.



**PB-AP150-1 Access Point/Subscriber Unit**

### 2KM RANGE 150MBPS ACCESS POINT

Simple dial - up wireless AP. No need computer for operation, no technical settings, no need professional guidance. Easy configuration to achieve wireless communications by DIP switch are optimized for CCTV Video Transmission compared to other brands which mainly cater for NETWORK data transmission. AP/SU can transmit video data up to 2km, meeting most of the CCTV transmission range needs.

#### Simple Installation

- No extra accessories needed, easy installation with mounting kit included.
- Anti-interference Performance  
Dual band, switch selectable 2.4GHz / 5.8GHz transmission channel, achieves good performance and reliable data transmission.

#### Hardware Selectable

- Innovative DIP switch function, easiest way to set up a wireless link.

#### Maintenance-free

- Built-in security mechanism, smart setting for scheduling restart to keep 24/7 availability.

## Point to Point Setup



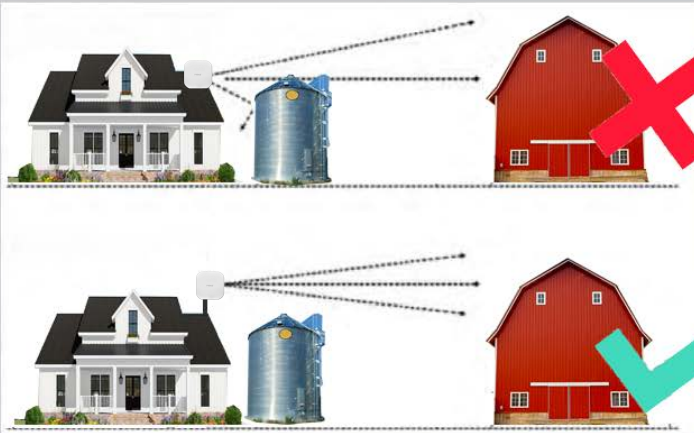
## Point to Multi- Point Setup



## Select location

### Wireless Access Point Installation

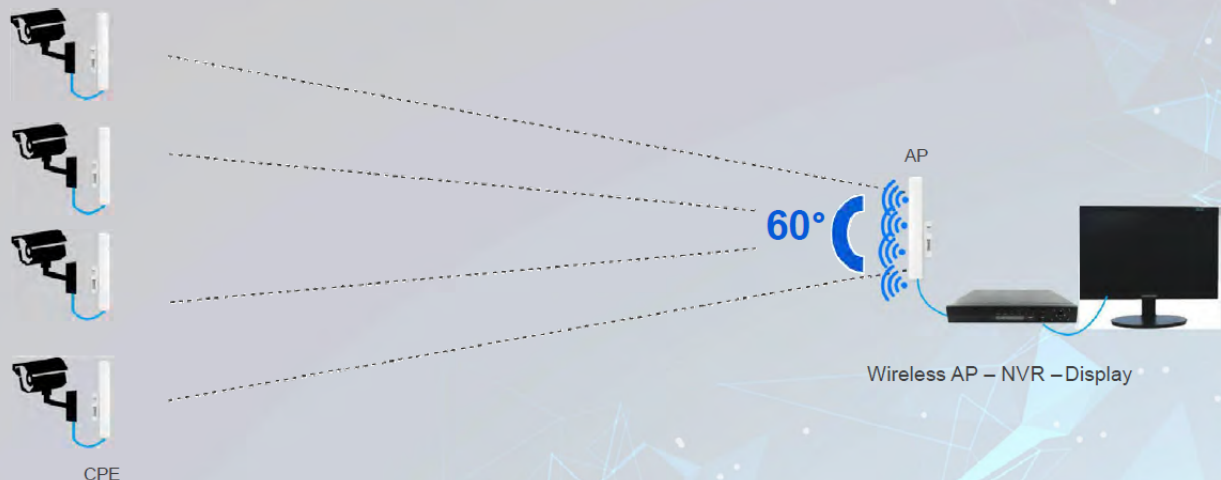
1. The below installation diagrams should be used to help you plan your wireless system installation carefully for the best results possible.



The above installation image illustrates that it is important to mount your wireless transmitter & receiver on poles to raise them above any obstructions. Besides, it's equally important to make sure that there is a direct line of sight between them.

## Aim and Go

### Transmission Angle of Wireless AP



The farther the distance, the greater the scope of coverage.  
The smaller the angle, the farther the transmission distance.



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## Benefits to using the NEW PROBE Wireless Communications Devices

Works with all RED|LINE IP Network Devices including;

- All RED|LINE IP Network fixed cameras
- All RED|LINE IP Network Motorized Cameras
- All RED|LINE IP Network PTZ Cameras

Works with all RED|LINE TVI Devices *\*locally attached to TVI recorder/encoder at the remote site.*

Includes;

- All RED|LINE TVI fixed cameras
- All RED|LINE TVI Motorized Cameras
- All RED|LINE TVI PTZ Cameras
- All RED|LINE TVI **4CH** Recorders\*

Works with all BLUELINE IP Network Devices including;

- All BLUELINE IP Network fixed cameras
- All BLUE|LINE IP Network Motorized Cameras
- All BLUE|LINE IP Network PTZ Cameras

Works with all BLUE|LINE CVI Devices *\*locally attached to CVI recorder/encoder at the remote site.*  
including;

- All BLUE|LINE CVI fixed cameras
- All BLUE|LINE CVI Motorized Cameras
- All BLUE|LINE CVI PTZ Cameras
- All BLUE|LINE CVI **4CH** Recorders\*

Please contact me for more information about our solution. I can be reached at 800-392-3922  
or contact at [sales@atvresearch.com](mailto:sales@atvresearch.com)

Regards,

**Scott Shadbolt**

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