

VideoMAX Pro 2
Video Transmitter - 3G Wireless - Mobile

EDIMAX
NETWORKING PEOPLE TOGETHER

EnGenius
Get Connected | Get EnGenius

ROUTING THE WORLD
MikroTik
www.mikrotik.com

TP-LINK
The Reliable Choice



Note: Contact your hardware dealer for rates, installation and support of Wireless AP of the above brands.

Ashok Electronics

No Internet
Connection

Q.



What is Wireless AP ?

A. The complete name is **Wireless Access Point**, also called Router, Bridge, Repeater, CPE, etc.

Q. What is its function and how does it work ?

A. Basically, it is a standalone unit and works in pairs, with one side, called as Transmitter and other side Receiver.

A. What frequency band does this Wireless AP's work ?

Q. The Wireless AP also known as WAP works on a free radio frequency of 2.4 GHz and 5.GHz, depending on the brand and model number.

Q. What types of WAP's are available ?

A. They are available in two versions, indoors and outdoors. The indoor versions can be installed anywhere inside big rooms, halls, while the outdoor version should be installed on the terraces of the buildings.

Q. What are the advantages of WAP over Internet ?

A. Since WAP's are your private standalone products and does not use any other resources, like internet, there is no billing - monthly costs and can be used continuously 24 X 7 X 365 without any recurring costs. It acts just like your private network, just like your private car, use it whenever you want without giving any hiring charges. It is most suitable for places where you do not have a good internet connection, just like remote areas.

Q. What are the disadvantages of WAP over Internet ?

A. The disadvantage of WAP over internet is that first of all the two units, ie., Transmitter and Receiver should be aligned for Line of Sight, also called LOS. I.e., the transmitter should have a straight path to the Receiver, obstructions like buildings, mountains, etc reduce the efficiency-transmitting power. Also heavy rains affect the performance, which is not the case in Internet. The units have to be installed/fixed high on terraces and hence difficulty in moving

about with VideoMAX. But in case of Internet, the VideoMAX can be used with a USB data card and can be moved anywhere, anytime.

Q. Does VideoMAX work with Internet and WAP ?

A. VideoMAX works with both !. However with Internet the distance of transmission is unlimited, i.e, wherever Internet is available, however with WAP the distance is limited to the brand, model and specs of the WAP.



Q. Do one has purchase a WAP from Ashok Electronics ?

A. No. Since the WAP it self cannot transmit audio-videos by itself, you have to purchase VideoMAX from Ashok Electronics. VideoMAX converts the LIVE audio-video to the format the WAP can understand. You can purchase and attach the WAP from any of your local dealer of you area and connect it to VideoMAX. Some of the good brands available in the market are Mikrotik, EnGenius, EdiMAX, TPLink, and so on. Select the model of you choice, they have different models ranging from 1 Km to 50 Km

Q. How does VideoMAX connect to WAP ?

A. Download the catalog, by clicking "VideoMAX with AP" button, (Also see picture below). It shows the connecting diagram. In fact you can connect the VideoMAX from Remote location with WAP, when the audio-video reaches your control room, where you have high speed Internet connection, re-connect and re-transmmit it around the world !!

If you have any query, do contact us.

Ashok Electronics - Technical team.

Line of Sight (LOS)



VideoMAX Pro 2 - Setup without Internet

