

EVX-LINK

IP CONNECT SYSTEM

Vertex Standard

eVerge™

FAQS



EVX-Link
eVerge™

How much bandwidth does the EVX Link require on a network?

1M bps

Is there a minimum network speed required or how does the EVX Link manage the latency on a slower network (ex. satellite)?

min 256k bps for 2 sites.

IS the DB15 audio port active?

We do not use audio input/output on the DB15.

Can I walk into a customer's office and just plug their Lan cord into the box and demo the EVX link or do I need to configure the box every time?

The box will need to be configured/reprogrammed to include the IP information of the new site.

What is the speed requirement for the IP address?

It is recommended to operate at 8M bps at least.

Can I demo this box with a wireless card, if so how?

It requires other hardware that can specify the connected IP address to the EVX-Link. The equipment setting is depending on that equipment.

Can EVX Link be used in a router configuration?

Yes, it can be used for the router. When using a router, the network address and port translation [NAPT] is necessary. The following UDP [user datagram protocol] port must be connectable [2100].

Is it possible to demo easily in the field - How to set up

The easiest way is that to use the HUB to connect each EVX-Link. The EVX-Link must setup to connect each other.

How does Link work in a LAN environment?

It transfers the DMR data to the other site using UDP protocol.

Will the EVX-Link work in a Analogue mode via the EVX-5400 Mobile as it is this device that is putting the signal into the EVX-Link as the Mobile supports DMR and Analogue modes.

No, the EVX-Link only work for Digital mode.



Will the EVX-Link support both Time Slots [T1 & T2] at the same time via the EVX-5400 Mobile, if not the we will have to use 2 Radios and 2 EVX-Links to support the 2 time slots, and to make it connect at both ends we will need 4 x Mobile and 4 x EVX-Links. This will be expensive to do and possible of Interferences between the 2 mobiles on the same frequencies to use both time slots in DMR Mode.

The EVX-Link only supports one time slot [T1 or T2] at same time. This is same as normal mobile channel setting.

Point 10 in the FAQ Doc is the UDP port locked to 21000, or will it have a selectable UDP Range. They understand that the same UDP must be used in the Network they want to build.

No, the EVX-Link cannot change the UDP port.

Does the display on the EVX-5400 mobile identify the PTT-ID of the transmitting radio?

No, the mobile operates differently from other EVX mobiles when interfacing with the EVX-Link. The display functionality is limited and will not show any Receive information.

Can the mobiles that are set up to interface with the EVX-Link communicate directly with each other through the EVX-Link connection?

No, they only receive and rebroadcast transmissions from subscribers active on each site. They cannot transmit directly through the EVX-Link.

Is the Microphone on the mobile functional?

No, the Microphone is inoperable when the mobile is in EVX-Link interface mode.