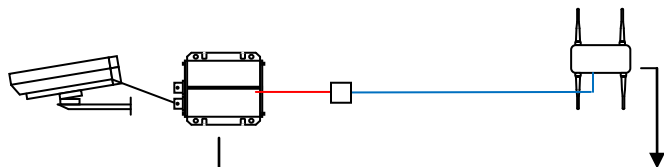


MiniLink[®] Mesh Configuration Note #1

Example Configuration Settings for First Camera and Node through Encoder/Decoder to DVR Video Stream/Record



WAN Setting

Fallover: Enabled

When fallover function is enabled, the LAN port setting and LAN port connection will be disabled. The LAN port will work as WAN port when WAN port fails.

Dynamic IP Address

Static IP Address

IP Address: 192 . 168 . 2 . 100

Subnet Mask: 255 . 255 . 255 . 0

ISP Gateway: 192 . 168 . 2 . 10

Encoder Internal Web Browser Configuration Page
<http://192.168.2.100>

LAN CONFIGURATION

INTERFACE: NET-0

MEDIA / SPEED: AUTOSELECT

IP CONFIGURATION: STATIC

IP ADDRESS: 192.168.2.10

NETMASK: 255.255.255.0

WAN CONFIGURATION

INTERFACE: WIFI-0

OPERATION: MESH

NETWORK SSID: MMESH

PASSWORD: MINILINK

MEDIA / SPEED: OFDM/54MBPS

RADIO MODE: 11G

CHANNEL: 1

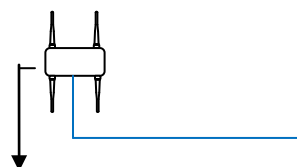
TX POWER: 100%

HIDE SSID: NO

IP ADDRESS: 10.0.0.2

NETMASK: 255.255.255.0

Mesh Internal Web Browser Configuration Page
<http://192.168.2.10>



LAN CONFIGURATION

INTERFACE: NET-0

MEDIA / SPEED: AUTOSELECT

IP CONFIGURATION: STATIC

IP ADDRESS: 192.168.1.10

NETMASK: 255.255.255.0

WAN CONFIGURATION

INTERFACE: WIFI-0

OPERATION: MESH

NETWORK SSID: MMESH

PASSWORD: MINILINK

MEDIA / SPEED: OFDM/54MBPS

RADIO MODE: 11G

CHANNEL: 1

TX POWER: 100%

HIDE SSID: NO

IP ADDRESS: 10.0.0.2

NETMASK: 255.255.255.0

Mesh Internal Web Browser Configuration Page
<http://192.168.1.10>

WAN Setting

Fallover: Enabled

When fallover function is enabled, the LAN port setting and LAN port connection will be disabled. The LAN port will work as WAN port when WAN port fails.

Dynamic IP Address

Static IP Address

IP Address: 192 . 168 . 1 . 101

Subnet Mask: 255 . 255 . 255 . 0

ISP Gateway: 192 . 168 . 1 . 10

Connection Setting

Source Type: Video Server

Connect Type: Unicast

Variable FPS: Use Server's Setting

TCP Connect IP: 192.168.2.100

Multicast Connect IP: 228 . 5 . 6 . 1

(224.3.1.0 ~ 239.255.255.255)

Connect User Name: Admin

Connect Password: *****

Enable AV STREAM: On

Enable Control Data: On

Dwell Time: 0

Stream Port: 6002

Control Port: 6001

Multicast Port: 5000

RTP Port: 7070

HTTP Port: 80

Decoder Internal Web Browser Configuration Page
<http://192.168.1.101>
 (Blue high-lighted to show IP Address of connected Encoder)

Internet Protocol (TCP/IP) Properties

General

Obtain an IP address automatically

Use the following IP address:

IP address: 192.168.1.101

Subnet mask: 255.255.255.0

Default gateway: 192.168.1.10

Obtain DNS server address automatically

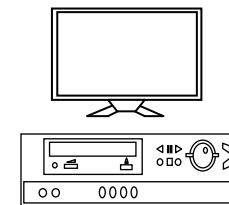
Use the following DNS server addresses:

Preferred DNS server:

Alternate DNS server:

Advanced

OK Cancel



KEY

- Straight-through Cat5 Cable
- Crossover Cat5 Cable (Connect to WAN Port)
- Coax Cable
- Power Injector Module (Included in ML MESH kit)

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Note: This diagram is conceptual and is for illustration only and assumes an ideal environment for wireless transmission. Due to possible adverse site-specific wireless conditions, MicroTek cannot guarantee operability of the system as depicted in this diagram. A bench test is highly recommended for familiarization and easier troubleshooting should it be necessary. Channel selections and IP Addresses can be preset for convenience if desired, however, environmental restrictions may require reconfiguration to some degree. Technical assistance is available Monday through Friday 8:00 AM to 5:00 PM PST at 888-366-4276 or info@microtekelectronics.com