

WLAN – Terras – ASC3 – EB 58 >>>><<<< EB 58 - Central PC  
WLAN – Terras – ASC3 – EB 58 >>>><<<<

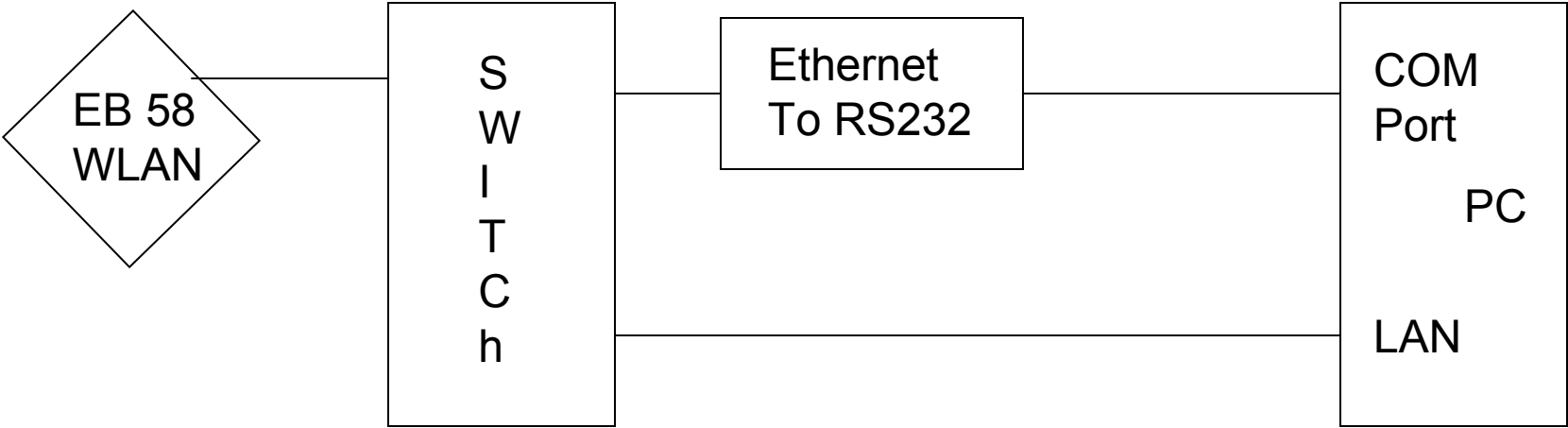
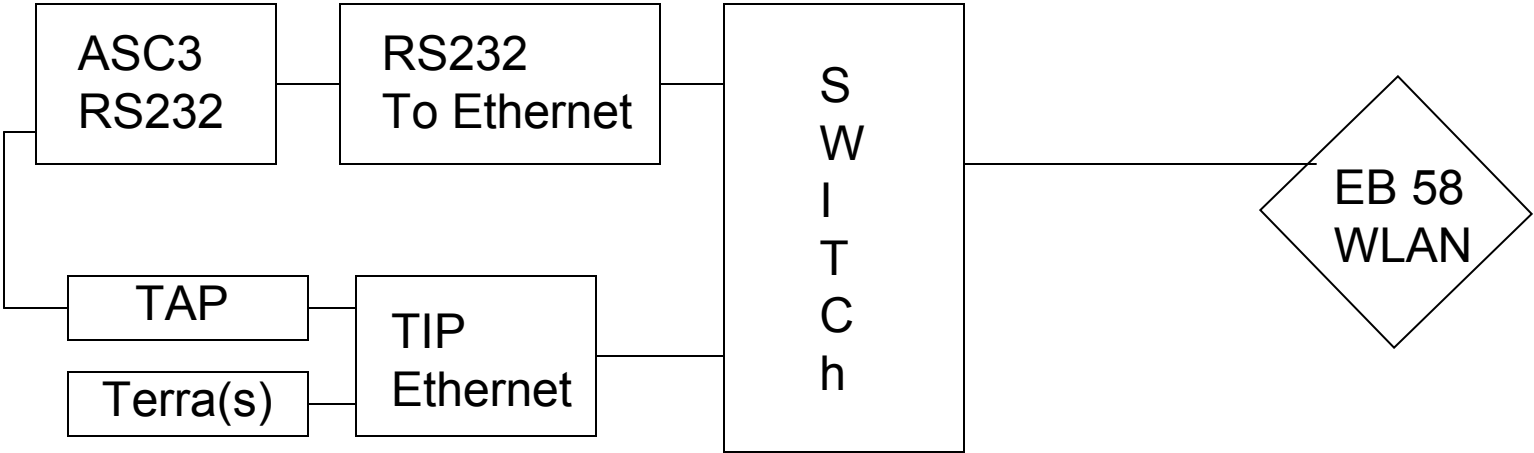
Terra provides Video Detection and streaming video. (rtsp://192.168.11.152/video).  
**No video encoder needed.** If streaming video is going to be broadcast then a media server is recommend at central. Programming via Web based interface or Autoscope Network Browser.

TAP (Terra Access Point) provides communication between Terras and ASC3.  
TAP can operate with up to 8 Terras and can simulate up to 4 TS2 detector racks.  
TAP TS1 and TS2 inputs and outputs are both operational at the same time.  
Programming via Web based interface or Autoscope Network Browser

TIP (Terra Interface Panel) provides communication between Terras (Up to 8) and TAP.  
Also Ethernet communications.

EB 58 provides Wireless Local Area Network (WLAN) communications.  
Set up is done via Web based interface in EB 58.

Remote Location(s)



Central Location

Terras are connected to TIP via 3 wires (EOP)

Econolite, ASC3 Traffic Signal Controller  
Com is RS232 9 Pin

PC COM Port is RS232 9 Pin.

This for Central PC to communicate with Aries.

All Ethernet connections are RJ45 Cat 5 cables.

All Devices on Ethernet Ports are TCP/IP addressable.

## Sample IP Address Scheme

	<b>IP</b>	<b>Subnet Mask</b>	<b>Gateway</b>
<b>PC</b>	<b>192.168.11.100</b>	<b>255.255.255.0</b>	<b>192.168.11.001</b>
<b>Ethernet Switch</b>	<b>192.168.11.99</b>	<b>255.255.255.0</b>	<b>192.168.11.001</b>
<b>EB58 Access Point</b>	<b>192.168.11.101</b>	<b>255.255.255.0</b>	<b>192.168.11.001</b>
<b>DEMO Intersection 1</b>			
<b>EB58 Station</b>	<b>192.168.11.102</b>	<b>255.255.255.0</b>	<b>192.168.11.001</b>
<b>Ethernet Switch</b>	<b>192.168.11.98</b>	<b>255.255.255.0</b>	<b>192.168.11.001</b>
<b>TIP</b>	<b>None Used</b>	<b>None Used</b>	<b>None Used</b>
<b>TAP</b>	<b>192.168.11.150</b>	<b>255.255.255.0</b>	<b>192.168.11.150</b>
<b>Terra 1</b>	<b>192.168.11.152</b>	<b>255.255.255.0</b>	<b>192.168.11.152</b>
<b>Terra 2</b>			
<b>Terra 3</b>			
<b>Terra 4</b>			
<b>Terra 5</b>			
<b>Terra 6</b>			
<b>Terra 7</b>			
<b>Terra 8</b>			
<b>ASC3</b>	<b>192.168.11.160</b>	<b>255.255.255.0</b>	<b>192.168.11.001</b>