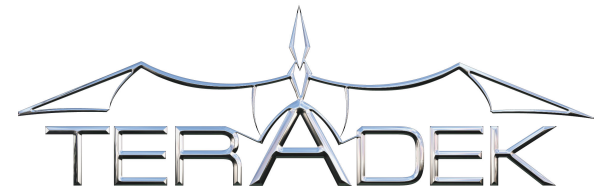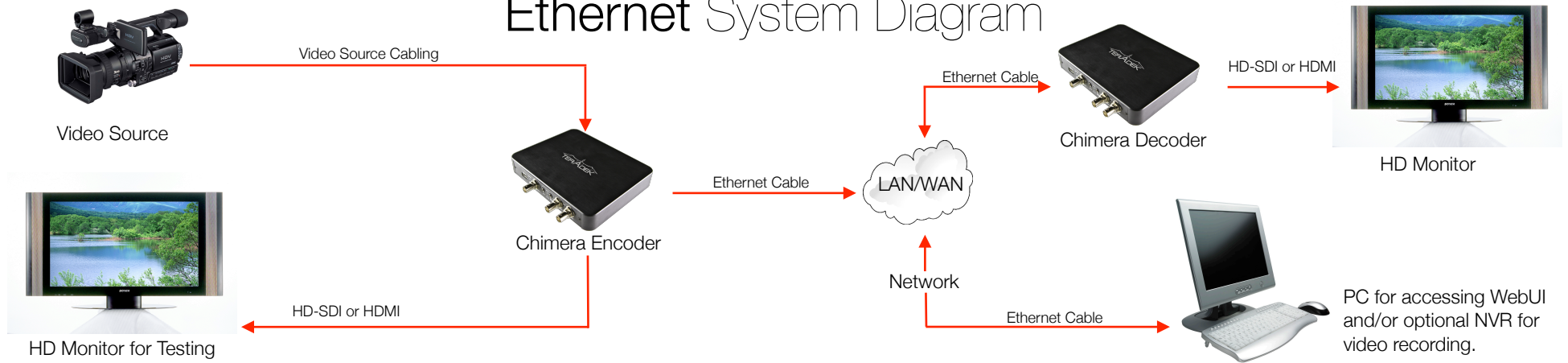# Quick Start Guide

Chimera

Hardened HD H.264 Network Video Codec
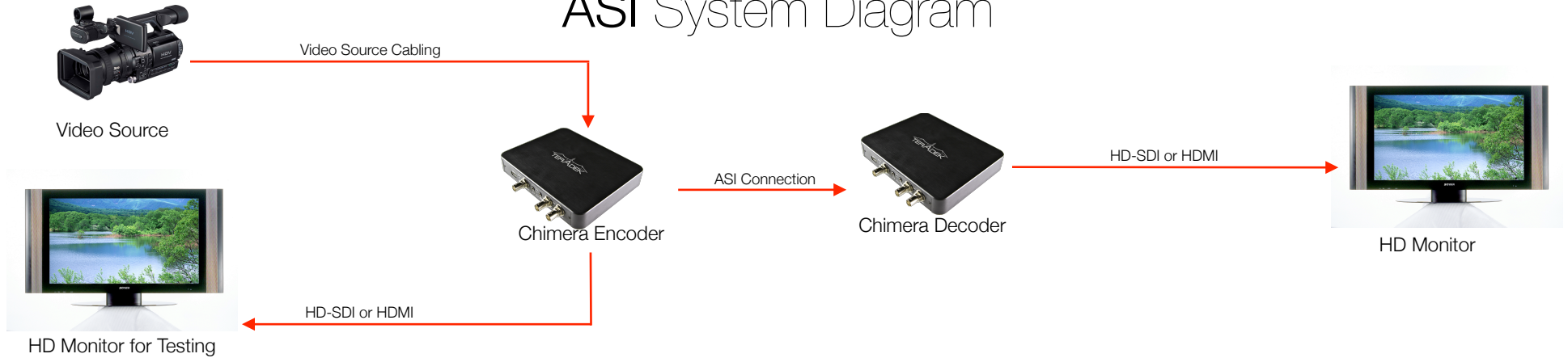
34 Mauchly, Ste. B
Irvine, CA 92618
Telephone: +888 941 2111
support@teradek.com
www.teradek.com

TERADEK

Ethernet System Diagram

Video Source Cabling

Video Source

Chimera Encoder

Ethernet Cable

LAN/WAN

Ethernet Cable

Chimera Decoder

HD-SDI or HDMI

HD Monitor

HD-SDI or HDMI

HD Monitor for Testing

Network

Ethernet Cable

PC for accessing WebUI and/or optional NVR for video recording.

ASI System Diagram

Video Source Cabling

Video Source

Chimera Encoder

ASI Connection

Chimera Decoder

HD-SDI or HDMI

HD Monitor

HD-SDI or HDMI
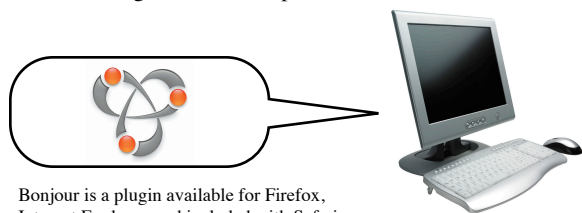
HD Monitor for Testing

TERADEK

Encoder Setup

1 Power Chimera -- Chimera can be powered via an included A/C adapter or with PoE using a capable network switch

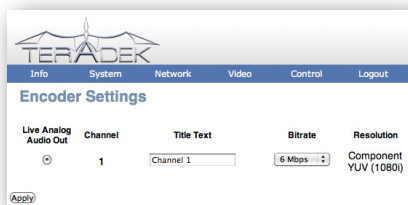Connect Chimera to your network via Ethernet cable

2 Connect HD-SDI Video Input
Connect video cable from the source to the SDI/ASI BNC input on Chimera.

BNC Cable

3 Connect ASI/SDI/HDMI Output
Connect video cable for local monitoring via HDMI or SDI. If streaming over ASI, connect your ASI cable to the SDI/ASI output BNC

HD-SDI or HDMI

OR

Chimera ASI Encoder

ASI Connection

Chimera ASI Decoder

4 Browse Network to Locate Chimera
Open your web browser. Use Bonjour to browse and locate the encoding Chimera on the network. Chimera is displayed by its Friendly Name, which represents the configuration and capabilities of the unit.
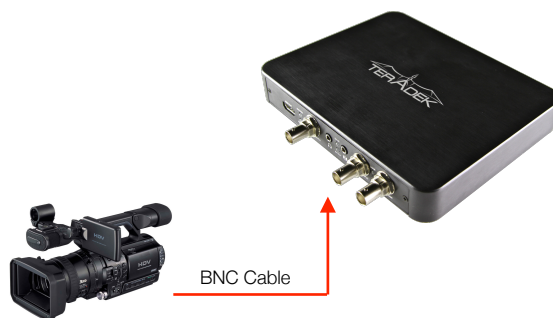
Bonjour is a plugin available for Firefox, Internet Explorer, and included with Safari. Bonjour discovers networked Zero Configuration Networking devices.

5 Login to Chimera's Web Interface
In the Username and Password boxes, type **admin**, then click **Login**.

Username: admin
Password: ••••

Type **admin** into both boxes and click **Login**

Login

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6 Configure Input/Output
Use the menu system of Chimera's WebUI to configure the unit. Mouse over the menu system to view the drop down lists.

In **Video Setup - Device Settings**, Configure your audio/video input settings and choose Ethernet or ASI stream output .

7 Configure Stream
If desired, adjust stream type, bitrate, scaling, and other settings on the Stream Settings and Encoder Settings pages.

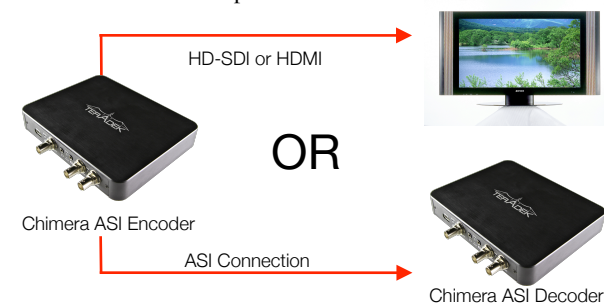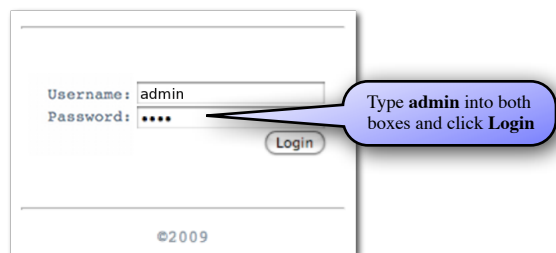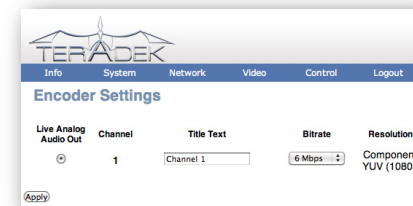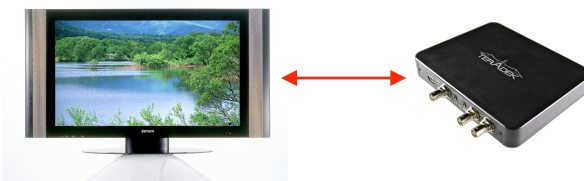In **Video - Encoder Settings**, give descriptive names to your video sources.

8 Verify Live Local Video
Connect an HD monitor to Chimera's HDMI or HD-SDI output. Verify that Chimera is encoding video locally before attempting to view video over the network. (Optional)

9 Verify Live Streaming Video
Verify video at the streaming destination -- your computer (using VLC), the decoder, or an ASI receiver

Decoder Setup

1 Connect to Network and Monitor
Connect HDMI or HD-SDI out from Chimera to your monitor. Connect the network or ASI input. Power is provided over ethernet (PoE), or via A/C adapter.

LAN/WAN
Ethernet Cable
HDMI Cable
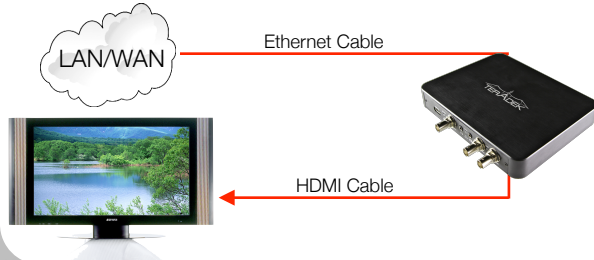
2 Browse Network to Locate Chimera
Open your web browser. Use Bonjour to browse and locate the decoding Chimera on the network. Chimera is displayed by its Friendly Name, which represents the configuration and capabilities of the unit.
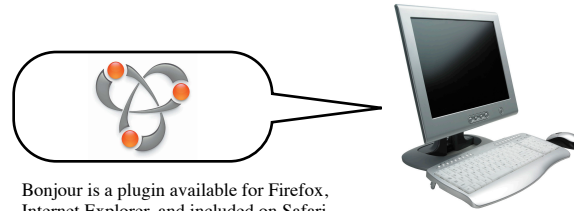
Bonjour is a plugin available for Firefox, Internet Explorer, and included on Safari. Bonjour discovers networked Zero Configuration Networking devices. For more, see section 7 of the user manual.

3 Login to Chimera's Web Interface
In the Username and Password boxes, type **admin**, then click **Login**.

Username: admin
Password: ••••
Login
©2009

Type **admin** into both boxes and click **Login**
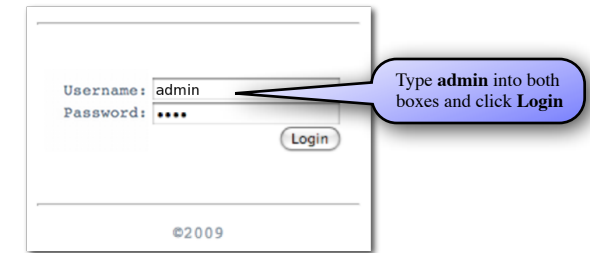
4 Set Mode and Choose Stream source
Navigate to Video Setup - Device Settings and Change the codec mode to Decoder. Pick your stream source. If ASI is selected, there is no more configuration needed.
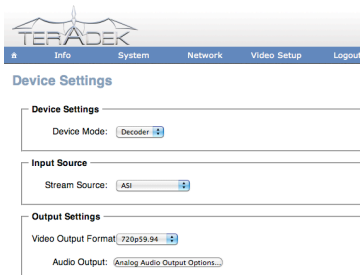
5 Drag Video Streams to Cameos
For streaming over Ethernet, you must choose a network stream to decode. Go to Video Setup - Decoder Settings to view available streams.
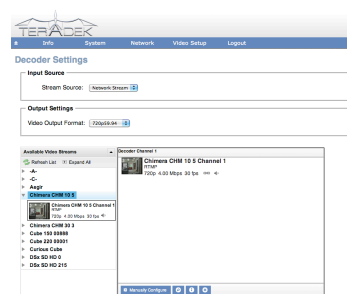
6 Assign Streams to Decoder Output
Drag and drop your chosen stream to the cameo at right and click Apply. Choose Manually Configure if your stream is not displayed or for more options.
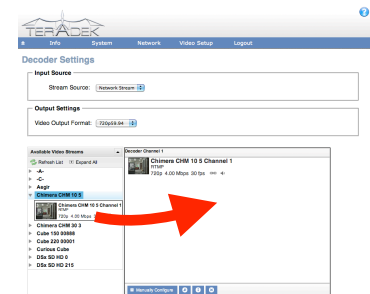
Troubleshooting Guide

I can't find Chimera with Bonjour.
Check to ensure that all network firewalls are disabled. If hardware firewalls or other filtering devices are present on the network between Chimera and the client system, try moving Chimera to a new network location that is not filtered by these devices. Alternately, access Chimera using its default network settings listed at right.

If you can see Chimera in Bonjour but cannot connect, ensure that your network settings are compatible with Chimera's defaults.

I see video, but there is no sound.
In the Video Input Settings menu, check that HDMI Audio is selected in the audio field.

What are the default network settings?
- IP Address: 192.168.1.200
- Netmask: 255.255.255.0
- Default Gateway: 192.168.1.1
- DNS Server: 192.168.1.1
- Device Hostname: chimera-chm-10-xxxxx
- Zero Configuration Friendly Name: Chimera CHM 10 xxxxx

*xxxxx is the last five digits of Chimera's serial number

Contact us
For further assistance, please contact Teradek Support.

E-mail - support@teradek.com

Phone - (888)941-2111
Available M-F 9AM-6PM Pacific