CONNECTIONS

1	RJ-45	For network and PoE connections	
2	Audio I/O	Pink	Audio In (Line In)
		Green	Audio Out (Line Out)
3	Power (12vDC)*	Black	DC 12V -
		Red	DC 12V +
4	Alarm I/O	1	Alarm In -
		2	Alarm In +
		3	Alarm Out -
		4	Alarm Out +

*12vDC power input port should be plugged when not in use.
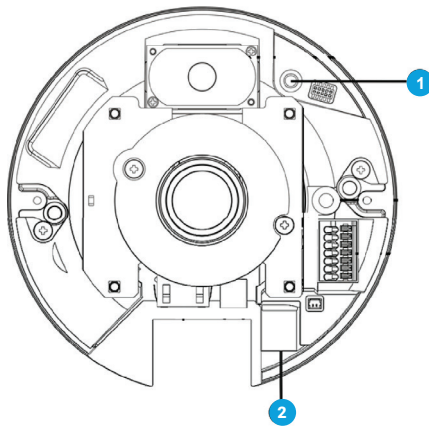
1	Reset Button	To restore the camera to factory defaults: 1. Disconnect power for 30 seconds. 2. Reconnect power and wait 30 seconds. 3. Press and hold the reset button for 20 seconds.
2	MicroSD Card Slot	Supports up to 512GB microSD card for Edge storage. Do not add or remove the microSD card when the camera is powered on.

Waterproof Cable
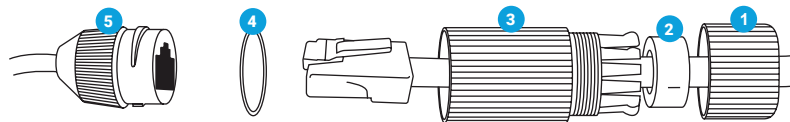
1	Thread lock cap	4	Rubber "O" ring
2	Rubber plug	5	Camera cable
3	RJ45 enclosure		

NOTE: The product is intended to be supplied by external power source (UL listed/ IEC 60950-1/ IEC 62368-1) which output is complied with ES1,PS2/LPS, output rating 1) 12Vdc, 0.93 A minimum or 2) 48Vdc, 0.27A minimum (PoE), ambient temperature 55°C minimum.

This quick start guide provides only basic information on the camera's settings and operation for initial installation. Please read the user manual for optimal camera configurations.

Find the latest product documentation and software.
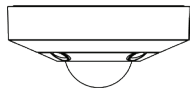

Scan the QR code or go to avertx.com/downloads

QUICK START GUIDE

12MP Ultra HD Fisheye
AVX-HD9112F12
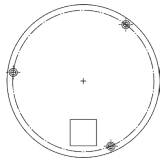
38120AA

CONTENTS

AVX-HD9112F12
Fisheye Camera
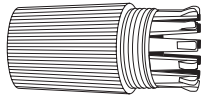
Waterproof Cable
Connector

Security Torx
Tool

Self-Tapping
Screws/M4/6.8MM
(x3) &
Plastic Anchors
4-5MM (x3)

Mounting Template

Quick Start
Guide

INSTALLATION

1. Apply template sticker to desired camera location.
2. Drill anchor holes using included mounting template.
3. Remove mounting template.
4. Insert anchors.
5. Mount camera.
6. Connect network cable with included waterproof cable connector.
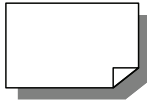
NOTE: If the camera will be exposed to inclement weather, AvertX recommends sealing around the camera base, or connection to mounting surface with outdoor waterproof caulking.

DEFAULT USERNAME AND PASSWORD

NOTE: **AvertX IP cameras ship without a default password.**

The admin user password can be set using the following methods:

1. AvertX recorders running software version 2.1 or newer will automatically set a new unique password if:

   • Connected to an ProConnect recorder with a built-in PoE switch.

   • Connected to a network switch through the camera network port and selected then added in setup, if a new password has not already been set.

Set the Default Camera Password
Use the QR code or link for instructions on defining a unique camera password:
avertx.com/default-camera-password

2. Connect to the camera directly through a Web Browser and follow the onscreen prompts.

3. Use the Network Camera Manager (NCM) Utility.

   Username: **admin**

CONNECTING TO THE CAMERA

This camera is plug and play when connected to an AvertX ProConnect Recorder. To access this camera without an AvertX recorder, you will need to connect the camera to a Power Over Ethernet Switch and install AvertX Network Camera Manager Software on a Windows computer.

1. Download and install the Camera Finder software at:

   Network Camera Manager

2. When the camera is found, click "Load" under the web page. The camera admin page will load in a browser.

3. Login to the camera using the username **admin**. The first time the camera is accessed, you will need to set a password.

4. AvertX cameras are set to DHCP by default. If a DHCP server is not detected after 2 minutes, the camera will default to IP address 192.168.51.2.

PRODUCT FEATURES

Camera

Maximum Resolution	4000x3000 (Software Dewarping)
	2976x2976 (Edge Dewarping)
Frame Rate at Maximum Resolution	20FPS @ 4000x3000 H.264/H.265/MJPEG
Video Streams	4
ONVIF	Profile S / G / Q / T Compliant
Day/Night	Auto / Manual / Light Sensor
Wide Dynamic Range	True WDR

Environmental and Power

Power Consumption	PoE - Max 12.95W
	12vDC - Max 11.16W
Input Voltage	12vDC / PoE
IP Rating	IP66
Impact Rating	IK10