Eagle Eye EC01 Encoder

Installation and Quick Start Guide (Version 1.0 16 July 2024)

The Eagle Eye EC01 Encoder is a 16 channel HD over coax (HDoC) encoder that supports CVBS, TVI, CVI, and AHD. It has audio (RCA) and physical I/Os (16/4) with 4K local HDMI output and 2MP maximum input for HD signals. The EC01 supports the most popular versions of HDoC but requires that the cable be copper core RG59 or RG6.

1. Packing List

Table 1-1: Packing List

Component	Quantity	Remark
HD Network Video Codec	1	
Quick Start Guide	1	
Mouse	1	
Power Adapter	1	Optional
Power Cord	1	
Terminal Block	2	Optional

2. Device Structure

2.1 Device Ports

Note: Different devices may have different ports and multi-headed cables. Please refer to the actual product.

Figure 2-1: Rear Panel



Refer to Table 2-1 for descriptions of the rear panel parts.

Table 2-1: Rear Panel Description

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2.2 Device Dimensions

DC12V

Ground

Note: Different devices may have different

dimension. Please refer to the actual product.

Eigura 2-7. Dimensions (unit: mm)

Name Description VIDEO IN Plug in analog camera by coax-Port ial line. 150.4 159.8 Output analog video signal. CVBS OUT AUDIO Audio output/Audio input. OUT/AU-37.4 DIO IN LAN1/ RJ 45 100/1000 Mbps adap-0 0 LAN2 tive Ethernet interface. LAN1 is the default gateway and used for external networks. LAN2 is ۲ 0 used for internal networks. HDMI/ Video output interface VGA USB USB 2.0 port for USB flash drive or mouse Alarm I/O Alarm input/ Alarm output llo -Power switch

3. Device Operation

3.1 Before Starting up the Encoder

Before starting the encoder, ensure that it is properly connected to a power supply and that a monitor is connected to the HDMI or VGA interface of the encoder.

3.2 Special Functions

Some cameras have special functions. Please refer to the camera channels.

3.3 Power Off

To power off the encoder, turn off the power switch.

4. Quick Configuration

When powered on for the first time, the Encoder's wizard appears. Users can configure the system then or exit the wizard and do the 6 Getting Support configuration later.

5. Adding the Encoder to the VMS

Follow the steps below to add the encoder to the Eagle Eye Cloud VMS.

Under Add Cameras on the Dashboard, 1 click the green plus icon.

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● Map		0	•	Building 1 - Southwest (1 correct)	EEN-8R003-56911		0 ==	
🖬 Users			۲	Front Door			0 0	
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		Engle Eye Network(EE) CDUB-000(v3.5.0004.0004.00.1.33.7.26 (10.143.107.95)				Building 1 - Northeast Corner	•	
		Attached as 'Freet Door' to bridge: Building 1 - Southwest.			a -	Building 1 - Northeast Corner	•	

- 2. Once the green check mark appears beside the encoder, all 16 analog channels will be available to add in the VMS under the Channels tab in camera settings.
- 3. Each channel corresponds to a labeled camera input on the encoder. If channel is added on the VMS without a camera plugged in to the corresponding channel, it will appear offline until a camera is plugged in.

Support is available to assist you 24 hours a day, 7 days a week, 365 days a year.

You can email support at support@een.com.

For immediate support, please call:

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