AEO | TECHNICAL DOCUMENTS

AEO-CX-S — Installation and Configuration Notes

English · Revision EN-20261101-V178

For the AEO-CX-S hardware shown in the Chinese quick configuration manual, with H/C, F/S and a numeric display. These are translated operating instructions; other hardware or firmware may use different controls.

Installation and connections

The manual shows point-to-point and point-to-multipoint links. Align the units at both ends; align each remote unit with the main unit in a point-to-multipoint installation.

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NVR / network — LAN [PoE supply] POE — H bridge
                                          ))) wireless link (((
Camera / switch — LAN [PoE supply] POE — C bridge
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Use the power supply specified for the bridge. LAN is the data connection and POE is the powered connection.

Pairing with the switches and buttons

1. Set one unit to H (main/receiving bridge) and the other to C (remote/transmitting bridge). Connect the camera side to C.
2. For pairing, press Reset for one second on the main and remote units. Complete the button operations within one minute. For point-to-multipoint pairing, pair the main unit with each remote unit.
3. The manual lists 192.168.8.1 for H and 192.168.8.88 for C. To change the address using the display, press F twice to select the IP item (A), then S to change it. The unit saves and restarts after five seconds.
4. To change the channel, press F once on H, then S to select the channel. It saves and restarts after five seconds. The paired C unit follows H; do not change the channel independently at C.

Web configuration

1. Set the computer to an unused address in 192.168.8.X and connect it to the bridge by Ethernet.
2. For the hardware in this manual, open http://192.168.8.1 for H or http://192.168.8.88 for C. The listed initial login password is admin.
3. In the network menu, set the addresses for both units. The bridge management subnet may differ from the camera subnet.
4. On C, open WiFi settings → Repeater settings, search for H's wireless name and bind H's MAC address.
5. Change the wireless channel under H's WiFi → Basic settings. The paired C unit follows the change.

Factory reset

The manual specifies holding Reset for ten seconds while powered to restore factory defaults. This clears the installed configuration. Record settings and plan for the resulting service interruption before using this procedure.

Troubleshooting

Delay or packet loss	Check interference, distance, obstructions, alignment and received signal. Use a different channel or an appropriate 5.8 GHz model where suitable.
Login failure	Check the correct password, subnet, duplicate IP addresses and Ethernet connection. Refresh the browser cache and local ARP cache when addresses have changed.
No operating indicator	Check the specified PoE supply, input voltage, powered port, cable and connectors. Inspect for port damage.
Slow transmission	Check link delay, cabling loops, broadcast traffic and device load.
Repeated freezing	Check grounding, the PoE supply and possible surge damage. The source also describes scheduled restarting for its demonstrated firmware.

Source: Chinese source document / product specifications
www.aeo-cctv.com/en/