AEO | PRODUCT INFORMATION

AEO-CX7510-S

5.8 GHz wireless bridge

English · Revision EN-20261101 · Published specifications snapshot

Compiled from AEO's published English product page on 1 November 2026. Values reflect that source; this document does not establish certification or compatibility beyond the listed specifications. Confirm the configuration and any marked values before ordering.

Wireless transmission protocols	802.11 a/n/ac
Network mode	Router/bridge
Data rate	900Mbps
Transmission distance	≤2 km
Network ports	2 x 10/100Base-T(X) auto-negotiating Ethernet ports
Network protocols	VLAN and DHCP
Wireless operating frequency	5.150GHz～5.850GHz
Wireless modulation	802.11 a/n: OFDM
Antenna	Built-in antenna; gain 12dbi
Wireless receiver sensitivity	-68dBm@54Mbps；-86dBm@6Mbps
Indicators	System, WAN, LAN and wireless WiFi indicators
Operating modes	AP/repeater
Encryption	OPEN、WPA、WPA2、WPA-PSK、WPA2-PSK
Recommended applications	Short- to medium-distance outdoor links and elevator surveillance
Wireless output power	23dBm
Power input	PoE power supply, DC24V
Power consumption	≤8W
Operating temperature	-40°C～+75°C
Storage temperature	-40°C～+85°C
Operating humidity	5% ~ 95% (non-condensing)

Dimensions (L*W*H)	168*88*57.6mm
Protection rating	IP65
Security features	IP/MAC address filtering and hidden network name
Configuration management	Web configuration, configuration backup, scheduled restart, firmware upgrade and time synchronization

Source: https://www.aeo-cctv.com/en/products_4/AEO_CX7510_S
For current model information and selection support, visit www.aeo-cctv.com/en/.