

CONNEX Outdoor

CONNEX Outdoor: Zero Latency Advanced Digital Wireless Video Systems

The CONNEX Outdoor features an HDR Camera with a built-in Transmitter, a Ground Unit Receiver, and accessories. This complete turn-key solution is designed for quick deployment right out of the box. Ideal for industrial environments, the system is designed and built to stand up to the toughest conditions. Attach the camera using the integrated magnet-plate or with versatile 1/4 20" and 3/8" mounting options. The CONNEX Outdoor system supports line of sight transmission/reception of up to 1,000 ft with an HDMI output.



	OUTDOOR CAMERA	CONNEX OUTDOOR RX
VIDEO		
Video Inputs	105° FOV with pre-focused lens	5GHz RF
Video Outputs	5GHz RF	720p60 via HDMI 1.4 Type A connector
Video Latency	720i60: 9mS 720p30: 26mS	720i60: 9mS 720p30: 26mS
PHYSICAL ATTRIBUTES		
Dimensions	95mm x 56mm x 85mm (3.7" x 2.2" x 3.3")	126mm x 93mm x 19mm (4.9" x 3.7" x 0.7")
Weight	405g (14oz)	331g (12oz)
Construction	Milled Aluminum	Milled Aluminum
Weatherproof	Yes	No
INTERFACES		
Configuration Interface	OSD Menu operation via RX, Power and Network Status LEDs	OSD controls via RX buttons, Power and Network Status LEDs
USB Interface Functionality	Micro USB - Connection to application; Wired pairing	

OUTDOOR CAMERA**CONNEX OUTDOOR RX****NETWORK**

RF Channels	DFS Frequencies: 5.270 ~ 5.670 GHz Non-DFS Frequencies: 5.190 ~ 5.230 GHz and 5.755 ~ 5.795 GHz HAM License: 5190 ~ 5925 GHz	
Channel Selection	via RX	Auto, Fixed
RF Channel Bandwidth	13MHz	13MHz
RF power	25mW (EU, SRD), 200mW (All other regions)	
Antennas	2x 2dBi SMA omni-antennas (included)	5x 2dBi SMA omni-antennas (included)
Range	Up to 1000 ft line of sight (Range is not limited and can be extended using directional antennas)	
Multicast	Yes	Yes, using Viewer Mode
Noise Rejection	Can coexist with Wi-Fi and 5GHz cordless phones; Can operate up to 14 sets in same location (Depending on regional setting)	

POWER

Power Input	7-17V DC Jack	7-17V DC Jack
Nominal Power Consumption	5W	5W
Environmental	Operating temperature: 0° to 40° C Operating humidity: 10% to 90% Storage temperature: -10° to 75° C	

GENERAL

Mountability	1/4"-20 threaded hole, Magnet plate (optional)	1/4"-20 threaded hole, Magnet plate (optional)
Accessories	2x SMA antennas	5x SMA antennas

ORDERING INFORMATION

PART NUMBER	PART DESCRIPTION
AMN7000_ODR	CONNEX Outdoor Kit (Case with TX, RX and accessories)
AMN7200_ODR	CONNEX Outdoor RX with 5x SMA antennas
AMN7400_ODR	CONNEX Outdoor TX with 2x SMA antennas