



### Controller

Part: [EVOIPCTL2](#)

#### Box contents:

- (1) Controller unit
- (1) IR receiver cable
- (1) 3-pin Phoenix connectors
- (1) 6-pin Phoenix connectors
- (2) Mounting brackets
- (4) Screws
- (1) 12V/1A locking power supply
- (1) Quick start guide

### Transmitter

Part: [EVOIPTX2](#)

#### Box contents:

- (1) Transmitter unit
- (1) IR receiver cable
- (1) IR transmitter cable
- (3) 3-pin Phoenix connectors
- (2) 4-pin Phoenix connectors
- (2) Mounting brackets
- (4) Screws
- (1) 12V/2.5A locking power supply
- (1) Quick start guide

### Receiver

Part: [EVOIPRX2](#)

#### Box contents:

- (1) Receiver unit
- (1) IR receiver cable
- (1) IR transmitter cable
- (3) 3-pin Phoenix connectors
- (2) 4-pin Phoenix connectors
- (2) Mounting brackets
- (4) Screws
- (1) 12V/2.5A locking power supply
- (1) Quick start guide

EVOIPCTL2 Controller		
Network Bandwidth	100Mbps	
Transmission Distance	328ft/100m over Cat5e/6/6A/7	
Control Ports	(2) LAN (video LAN supports PoE)	
	(1) IR in	
	(1) Digital I/O 6-pin Phoenix connector (4 ch. digital I/O, 1 ch. grounding, and 1 ch. power)	
	(1) RS-232 3-pin Phoenix connector	
Dimensions	204mm (w) × 98.5mm (d) × 21.5mm (h)	8.03in (w) × 3.88in (d) × 0.85in (h)
Weight	509g (18oz)	
Housing	Metal	
Power Supply	12V/1A	
Power Consumption	4.5W	
Operating Temperature	32°F ~ 104°F	0°C ~ 40°C
Storage Temperature	-4°F ~ 140°F	-20°C ~ 60°C
Relative Humidity	20~90% RH (non-condensing)	

**Note:** Vanco International LLC reserves the right to change the specifications, features, and/or appearance of this product at any time without notice.

<b>EVOIPTX2 Transmitter &amp; EVOIPRX2 Receiver</b>			
HDMI Version	2.0b		
HDCP	2.2		
Video Bandwidth	18Gbps		
Network Bandwidth	1G		
Video Resolution	Up to 4K@60Hz, 4:4:4 with HDR		
Color Depth	Input	8/10/12-bit	
	Output	8-bit	
Color Space	RGB 4:4:4, YCbCr 4:4:4 / 4:2:2 / 4:2:0		
HDMI Audio Formats	LPCM 2.0/5.1/7.1CH, Dolby Digital/Plus/EX, Dolby True HD, DTS, DTS-96/24, DTS-EX DSD, DTS High Res, DTS-HD Master		
Receiver Downmixing	Dolby Digital and DTS 5.1 to 2CH PCM		
Transmission Distance	Cat5e/6/6A/7	328ft/100m	
	Multi-mode fiber	984ft/300m	
	Single-mode fiber	3.72mi/6km	
IR Voltage	12V or 5V		
IR Frequency	Wideband 20KHz-60KHz		
ESD Protection	Air-gap discharge	IEC 61000-4-2: ±8kV	
	Contact discharge	±4kV	
Transmitter Ports	Input	(1) HDMI, (1) L/R audio 3-pin Phoenix connector	
	Output	(1) HDMI, (1) L/R audio 3-pin Phoenix connector, (1) S/PDIF optical, (1) RJ45 Cat6/6a, and (1) SFP	
	Control	(1) RS-232 3-pin Phoenix connector, (1) PoE LAN, (1) fiber optical slot, (1) USB-B 2.0 host, (2) USB-A 2.0 device ports, (2) relays / (2) digital inputs/ outputs (4-pin Phoenix connector), (1) IR in, and (1) IR out	
Receiver Ports	Input	(1) S/PDIF optical, (1) L/R audio 3-pin Phoenix connector, (1) RJ45 Cat6/6a, and (1) SFP	
	Output	(1) HDMI, (1) L/R audio 3-pin Phoenix connector	
	Control	(1) RS-232 3-pin Phoenix connector, (1) PoE LAN, (1) fiber optical slot, (2) USB-A 2.0 device ports, (2) USB-A 1.1 device ports, (2) relays / (2) digital inputs/outputs (4-pin Phoenix connector), (1) IR in, and (1) IR out	
Housing	Metal		
Dimensions	Transmitter & Receiver	204mm (w) x 136mm (d) x 25.5mm (h)	8.03in (w) x 5.35in (d) x 1.00in (h)
Weight	Transmitter: 631g (22.2oz)	Receiver: 626g (22oz)	
Power Supply	12V/2.5A CE / FCC / UL Certified		
Power Consumption	Transmitter: 8.52W	Receiver: 7.08W (max)	
Operating Temperature	32°F ~ 104°F	0°C ~ 40°C	
Storage Temperature	-4°F ~ 140°F	-20°C ~ 60°C	
Relative Humidity	20 - 90% RH (no condensing)		

Vanco International LLC provides a 10-year limited warranty for any defect in workmanship or materials under normal use from the date of purchase to the original owner. Please refer to the warranty page at [www.vanco1.com](http://www.vanco1.com) for more details.

