



## KEY BENEFITS

- Versatile applications
- Light weight
- Ultra-low latency



## AXIS

# PICO+

## TRANSMITTER

The AXIS PICO+ is a small, yet highly efficient transmitter that delivers excellent performance without adding extra weight and size.

It has a standard N-connector that supports a wide range of antennas. It also mimics the pin-outs of larger transmitters, making it seamlessly compatible with different systems. Despite its compact size, it delivers reliable performance, living up to Wave Central's reputation for excellence.

The AXIS PICO+ is a powerful device that uses COFDM and H.264 encoder technology to produce stunning high definition images from any location. With its small size and ultra-low power consumption, the AXIS PICO+ is perfect for UAV 'Octocopter' installations that require long-range HD broadcasting. Optional lightweight amplifiers are also available to increase its range capabilities.

The AXIS PICO+ has an excellent image quality retention over the wireless link due to ultra-low latency High Profile H.264 (MPEG-4 AVC) encoding. It supports SDI & HD-SDI video input formats up to 1080p50/59.

The device is supplied in a slim-line, fan-cooled, aluminum lightweight case and features industry-standard connectors for RF (SMA), Video (BNC), Power/Data (Hirose), Audio (Hirose), and control (mini USB). An integrated joystick control panel and OLED display is provided for control and monitoring of all parameters.



## AXIS PICO+ | KEY FEATURES

### RF

FREQUENCY BANDS	5.8, or 7.1 GHz
OUTPUT	10, 50, and 100 mW

### MODULATION

DVB-T BANDWIDTH	6, 7, or 8 MHz
DVB-T GUARD INTERVAL	1/4, 1/8, 1/16, and 1/32
COFDM ENCODER BITRATE	3.73 to 31.0 Mbps
DVB-T FEC	1/2, 2/3, 3/4, 5/6, and 7/8
DVB-T CONSTELLATIONS	QPSK, 16QAM, 64QAM

### VIDEO

VIDEO INPUT	SD/HD-SDI/3G-SDI/micro HDMI (Type D)
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#### RESOLUTION (SD/HD/3G)

1920X1080p, 30/29.97/25/24/23.97 Hz  
1920X1080psf, 30/29.97/25/24/23.97 Hz  
1280X720p, 60/59.94/50 Hz  
720X480i, 59.94 - 720X576i, 50 Hz  
1920X1080i, 60/59.94/50 Hz **(HD)**  
1920X1080p, 60/59.94/50 Hz **(3G)**  
*(via Level A or Level B dual link)*

VIDEO COMPRESSION	AVC h.264 / MPEG-4 Part 10
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CONFIGURATION	4:2:0 (4:2:2: optional)
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LATENCY	<20 ms encoder latency
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### AUDIO

FORMAT	EMBEDDED (SD/HD-SDI OR MICRO HDMI)
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### POWER

POWER INPUT	6 - 18 VDC (reverse polarity protected)
POWER CONSUMPTION	10W

### DIMENSIONS

WEIGHT	7.2 oz / 204g
SIZE (WxDxH)	3.2x 2.7x .92in

