



Compact Zero Delay HD Wireless Link

The Boxx Atom system provides a high performance HD wireless link with an uncapped range in a small and lightweight form factor.

Designed with performance and ease of use in mind the Atom with minimal setup for fast deployment and rarely needs any configuration.

Operating within the 5GHz licence exempt spectrum, Atom transmitters can broadcast a signal to any number of receivers without pairing requirements. Channels can be adjusted in real-time at the touch of a button.

Atom is a fully scalable solution with a host of product options available according to performance and budget requirements. All Atom components are interchangeable and integrate with each other without configuration.

The Atom system combines cutting edge transmission technology with the Boxx reputation for providing high quality wireless solutions and a standard of service to match.



FEATURES

- Small and lightweight form factor
- Onboard manual channel select
- Time Code & Record Start/Stop
- No pairing required
- Transmission to an unlimited number of receivers
- Minimal configuration
- No range limitations
- Perfect for multi-camera setups
- Designed by and for industry professionals

SPECIFICATIONS

	ATOM		ATOM LITE	
	Transmitter	Receiver	Transmitter	Receiver
Latency	<1 Millisecond			
Range	Uncapped 2000ft+ (600m+)		Uncapped 500ft+ (150m+)	
Video Output	HD-SDI Loop & HDMI	Dual HD-SDI & HDMI	HD-SDI Loop & HDMI	Dual HD-SDI, HDMI
Metadata Passthrough	Time Code & Record Trigger Start/Stop			
Format	All formats up to 1080 60p 3G			
Audio Output	Embedded			
Channel	Manual selection in real-time on unit			
Transmission Method	Pixel Prioritization Protocol			
RF Power Output	Up to 200mW depending on region or frequency	N/A	Up to 100mW depending on region or frequency	N/A
Modulation	OFDM			
Bandwidth	40MHz			
Frequency	5.1 - 5.9GHz			
Antenna Ports	2 x RP-SMA	5 x RP-SMA	2 x RP-SMA	Internal
Firmware	Upgradable via USB			
Size	112mm x 67mm x 24mm (4.4" x 2.64" x 1")	159mm x 100mm x 24mm (6.3" x 4" x 1")	112mm x 67mm x 24mm (4.4" x 2.64" x 1")	153mm x 96mm x 24mm (6" x 3.78" x 1")
Weight	227g (8oz)	343g (12oz) w/out battery plates	227g (8oz)	289g (10.2oz)
Temperature Range	32° to 104° F (0° to 40° C)			
Power	9-36V via 2-pin Lemo	9-36V via 2-pin Lemo or Anton Bauer/V-Jok Battery Plates	9-36V via 2-pin Lemo	
Mounting	1/4 inch spigot		1/4 inch spigot	