

HD VIDEO ASSIST SYSTEM

The Boxx Atom provides a zero delay HD microwave transmission solution for a host of Video Assist requirements in a small and lightweight form factor.

Operating within the 5GHz licence exempt spectrum, the Atom system has been designed with versatility and ease of use in mind. Performance can be monitored and adjusted in real-time at the touch of a button without any pairing requirements or the need to connect to an external device (such as a PC) to set attributes prior to or during operation.

Atom integrates with other Boxx and third party components in order to provide a comprehensive video assist and monitoring solution. With a host of configuration options, the Atom system allows adopters access to the technology to suit a range of production requirements and budgets.

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



FEATURES

- Small and lightweight form factor
- Onboard manual channel select
- No pairing required
- Transmission to an unlimited number of receivers
- Minimal configuration
- No range limitations
- Perfect for multi-camera set-ups
- Designed by and for industry professionals



SPECIFICATIONS

	Transmitter	Receiver
Latency:	<1 millisecond	
Range:	Uncapped >600m video assist	
Video Output:	SDI, HDSDI, HDMI	Dual SDI, HDSDI, HDMI
Format:	All formats up to 1080 60p 3G	
Audio Output	Embedded	
Channel:	Manual selection on unit	
Transmission Method:	Pixel Prioritisation Protocol	
RF Power Output:	Up to 200mW <small>depending on region or frequency</small>	N/A
Modulation:	OFDM	
Bandwidth	40MHz	
Frequency:	5.1 - 5.9GHz	
Antennas:	2 x RP-SMA Connectors	5 x RP-SMA Connectors
Firmware	Upgradable via 4-pin Hirose	
Size	111mm x 71mm x 25mm	188mm x 132mm x 26mm
Weight	253g	557g (w/out Battery Plates)
Temperature Range:	-5° to 50° C	
Mounting:	1/4 inch spigot	1/4 & 1/2 inch spigot