

SKYPLAY-DFS Technical Specifications

30 m Wireless HDMI Extenders with DFS

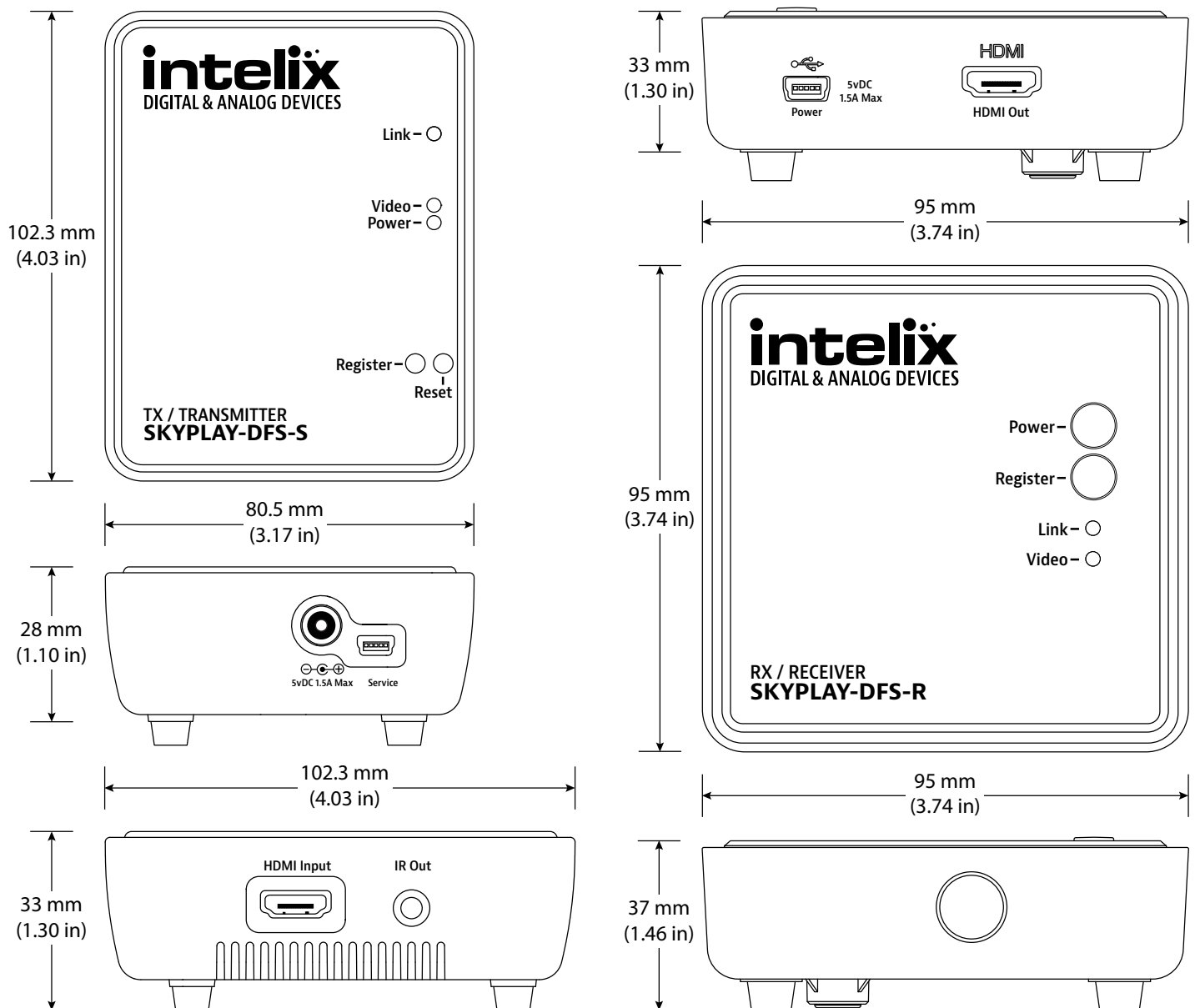
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The SKYPLAY-DFS distributes HDMI high-definition audio and video up to 30 meters (100 feet) in both point-to-point, point-to-many, and many-to-point configurations. Each transmitter is compatible with up to 4 receivers and each receiver can be paired to switch up to 4 transmitters.

The SKYPLAY-DFS-S can transmit 1080p video with stereo or multichannel audio. The SKYPLAY-DFS-R can transmit IR signals from the remote location to control the source device. The SKYPLAY-DFS transmitter and receiver must be paired together to pass video.

Amimon Pro transmission and AES 128-bit encrypted processing ensure the integrity of digital signals and real-time processing (less than one frame), whether transmitting in open spaces or through light construction, such as framed drywall walls.

The SKYPLAY-DFS radios are configured for US and Canada operation.



I/O Connections (SKYPLAY-DFS-S)	
HDMI Input	One (1) HDMI Type A Receptacle
IR Output	One (1) 2.5mm (3/16") TS Male Connector
5V DC Power	One (1) 5.5mm Outside Diameter, 2.1mm Inside Diameter Barrel
I/O Connections (SKYPLAY-DFS-R)	
HDMI Output	One (1) HDMI Type A Receptacle
5V DC Power	One (1) Mini USB Type B Connector
Supported Video, Audio, and Control	
Video Resolutions	480i, 480p, 576i, 576p, 720p, 1080i, 1080p and VESA up to 1920X1080
Color Depth	30-bit
Video Compliance	HDMI and HDCP
Input Video Signal	0.5 – 1.5 volts p-p
Input DDC Signal	5 volts p-p
Embedded Audio	PCM 2.0, DTS (5.1) and Dolby Digital (5.1)
IR Frequency	38KHz
Signal Characteristics	
Wireless Transmission Technology	Amimon Pro
Wireless Encryption	AES 128-bit
Signal Bandwidth	40MHz
Maximum Transmission Distance	30.5 m (100 ft)
Transmission Rate	6.75 Gbps
Operating Frequency (Non-DFS)	5.19-5.23 GHz; 5.755-5.795 GHz
Operating Frequency (DFS)	5.27-5.59 GHz and 5.67 GHz
System Latency	<1ms
Chassis and Environmental	
Material	Black Plastic
Dimensions (HxWxD) (SKYPLAY-DFS-S)	With rubber feet: 29 mm x 81 mm x 102 mm (1.14 in x 3.19 in x 4.02 in) Without rubber feet: 28 mm x 81 mm x 102 mm (1.10 in x 3.19 in x 4.02 in)
Dimensions (HxWxD) (SKYPLAY-DFS-R)	With rubber feet: 37 mm x 95 mm x 95 mm (1.46 in x 3.74 in x 3.74 in) Without rubber feet: 33 mm x 95 mm x 95 mm (1.30 in x 3.74 in x 3.74 in)
Shipping Weight	0.91 kg (2 lbs.)
Operating Temperature	-10° to +40° C (+14° to +104° F)
Operating Humidity	15% to 85%, Non-condensing
Storage Temperature	-20° to +80° C (-4° to +176° F)
Storage Humidity	15% to 85%, Non-condensing
Power, ESD, and Regulatory	
Power Supply	5VDC 2.6A
Power Consumption	9 watts
ESD Protection	15kV
Regulatory	FCC, CE, RoHS
Other	
Warranty	2 years
Diagnostic Indicators (SKYPLAY-DFS-S)	Power, Link, and Video
Diagnostic Indicators (SKYPLAY-DFS-R)	Link and Video
Included Accessories (SKYPLAY-DFS-S)	Installation Guide, IR emitter, power supply with international adapters, and HDMI cable
Included Accessories (SKYPLAY-DFS-R)	Installation Guide, IR remote, power supply with international adapters, and HDMI cable