

## SKYPLAY-DFS-EU Technical Specifications

30 m Wireless HDMI Extenders with DFS

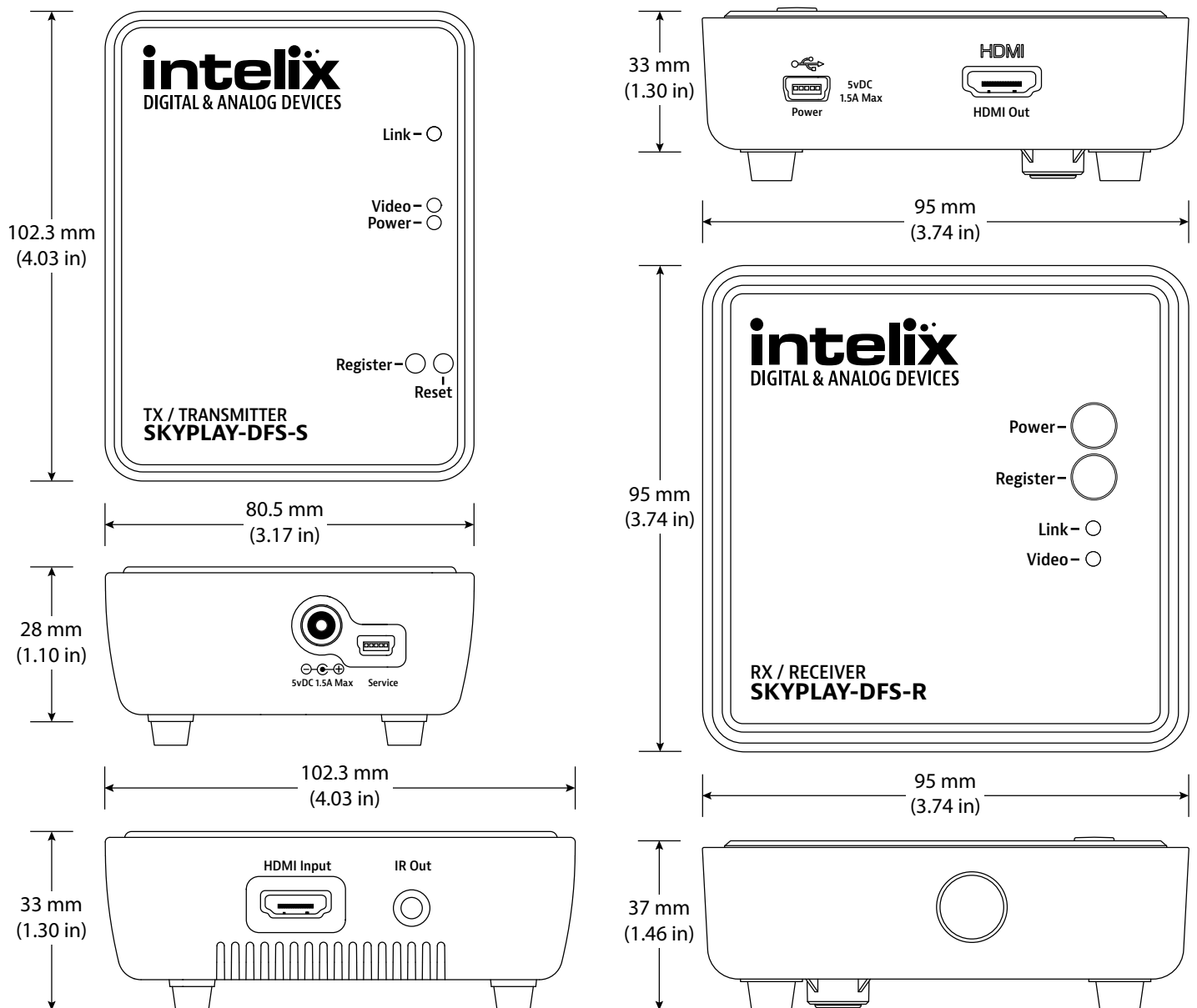
Rev 160711

The SKYPLAY-DFS-EU 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-EU can transmit 1080p video with stereo or multichannel audio. The SKYPLAY-DFS-R-EU 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-EU radios are configured for Europe and Australia operation.



<b>I/O Connections (SKYPLAY-DFS-S)</b>	
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
<b>I/O Connections (SKYPLAY-DFS-R)</b>	
HDMI Output	One (1) HDMI Type A Receptacle
5V DC Power	One (1) Mini USB Type B Connector
<b>Supported Video, Audio, and Control</b>	
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
<b>Signal Characteristics</b>	
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
Operating Frequency (DFS)	5.27-5.67 GHz
System Latency	<1ms
<b>Chassis and Environmental</b>	
Material	Black Plastic
Dimensions (HxWxD) (SKYPLAY-DFS-S-EU)	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-EU)	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
<b>Power, ESD, and Regulatory</b>	
Power Supply	5VDC 2.6A
Power Consumption	9 watts
ESD Protection	15kV
Regulatory	FCC, CE, RoHS
<b>Other</b>	
Warranty	2 years
Diagnostic Indicators (SKYPLAY-DFS-S-EU)	Power, Link, and Video
Diagnostic Indicators (SKYPLAY-DFS-R-EU)	Link and Video
Included Accessories (SKYPLAY-DFS-S-EU)	Installation Guide, IR emitter, power supply with international adapters, and HDMI cable
Included Accessories (SKYPLAY-DFS-R-EU)	Installation Guide, IR remote, power supply with international adapters, and HDMI cable