HDS300, HDS300-2, -3, -4, -5, -6

peerAir™ | PRO
Wireless AV Multi-Display System

When running cables is not an option, stream HD content wirelessly with the PeerAir™ Pro Wireless AV Multi-Display System. With four inputs and the ability to multicast to up to six displays, this wireless workhorse streams Full HD 1080p and passive 3D signals up to 210ft (64m) to an HDTV, projector or any other display. For new installations and retrofits alike, this kit is a time-saving tool for professional AV integrators in both commercial and residential applications.

210' (64m)
Long Transmission Range

Winner
rentalSTAGING
SYSTEMS
award
Presented at
infoComm 2016

- Full HD 1080p (60Hz) (24/30 fps) and passive 3D signal flow, ideal for ultra-fast signal streaming

- Long range, high-quality streaming up to 210ft (64m)* with no reduction of picture quality

- Multicast up to six PeerAir™ Pro Wireless Receivers**

- Transmits through walls and ceilings for multi-room streaming capability

- The PeerAir™ Pro (802.11n) creates it's own network without interfering with existing WiFi networks

- Built-in IR does not require line-of-sight placement to control source devices such as a DVR/set-top box, satellite box, Blu-ray®/DVD player, media server, VCR or game console

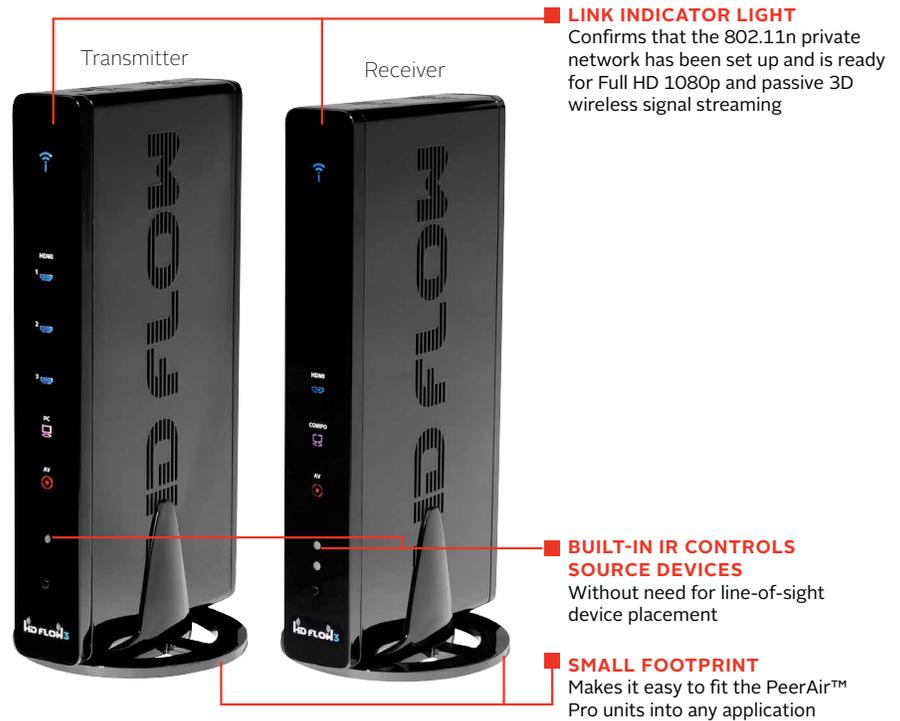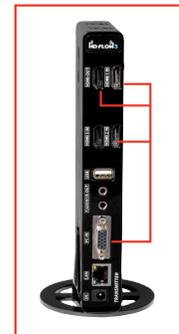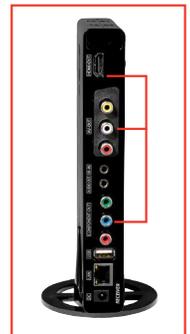- Plug and play set up requires no software or driver installation

*Actual distance will be reduced with obstructions between transmitter and receiver models.

**Requires additional receiver units.

Transmitter   Receiver

LINK INDICATOR LIGHT
Confirms that the 802.11n private network has been set up and is ready for Full HD 1080p and passive 3D wireless signal streaming

BUILT-IN IR CONTROLS SOURCE DEVICES
Without need for line-of-sight device placement

SMALL FOOTPRINT
Makes it easy to fit the PeerAir™ Pro units into any application

Transmitter back   Receiver back

Plug in up to four (4) AV source devices and easily switch between them with the included remote control

Three (3) output port options available — ideal for virtually any output device

Full HD 1080   HDMI® HIGH DEFINITION MULTIMEDIA INTERFACE   3D READY   c(UL)us   FC   CE   RoHS 2002/95/EC

peerless-AV®
Driving Technology Through Innovation

Model Numbers

HDS300	PeerAir™ Pro Wireless AV Multi-Display System
HDS300-2	Multicast: Two PeerAir™ Pro Wireless Receivers
HDS300-3	Multicast: Three PeerAir™ Pro Wireless Receivers
HDS300-4	Multicast: Four PeerAir™ Pro Wireless Receivers
HDS300-5	Multicast: Five PeerAir™ Pro Wireless Receivers
HDS300-6	Multicast: Six PeerAir™ Pro Wireless Receivers

INPUTS (TRANSMITTER)
- 3 x HDMI
- 1 x HDMI Pass-Thru
- 1 x VGA: High Density 15-Pin D-Sub (RGB)
- 1 x Component & Composite (via included dongle)
- AUDIO IN: - 1 x 3.5mm Audio Jack
- 1 x IR Port
- 1 x LAN (Ethernet): RJ45 Jack

OUTPUTS (RECEIVER)
- 1 x HDMI
- 1 x Composite Video & Stereo Audio
- 1 x Component Video & Stereo Audio (Mini Jack)
- 1 x USB Type A (Female)
- AUDIO OUT: - 1 x 3.5mm Audio Jack
  - 1 x Stereo RCA Audio Jack
- 1 x IR Port
- 1 x LAN (Ethernet): RJ45 Jack

Product Specifications

VIDEO INPUT (Transmitter)	- 3 x HDMI up to 1080p (60Hz) - 1 x VGA: High Density 15-Pin D-Sub (RGB) - 1 x Composite (via included dongle) - 1 x YPbPr Component (via included dongle)	**AUDIO**	- 2 Ch. Linear PCM, - Analog, 48kHz 16-bit ADC
VIDEO OUTPUT (Receiver)	- 1 x HDMI up to 1080p (60Hz) - 1 x Composite - 1 x YPbPr Component	**AUDIO INPUT**	- 1 x 3.5mm Audio Jack
VIDEO OUTPUT (Transmitter)	- 1 x HDMI up to 1080p (60Hz)** (Via Pass-thru Port)	**AUDIO OUTPUT**	- 1 x 3.5mm Audio Jack - 1 Stereo RCA Audio Jack (Receiver)
ENCODING	- H.264 Baseline Profile with Level 4.2 - HDCP Compliant	**POWER**	- Voltage: 120V AC, 60Hz - Consumption: 12V DC, 2A
WIRELESS CONNECTION	- Supporting IEEE 802.11n: OFDM	**VIDEO RESOLUTION**	- 480i/p, 720p, 1080i and 1080p (24/30fps)
WIRED CONNECTION	- RJ45 LAN Port - Direct Connection (LAN Cable)	**VIDEO STREAMING**	- 40mS Latency
LAN	- 1 x LAN Port (Transmitter and Receiver) - 10/100/1000 Base	**FREQUENCY**	- 5.18 - 5.25GHz & 5.75 - 5.81GHz
		LAN CONNECTION	- 10/100/1000 Base
USB	- 1 x USB Type A Female (Transmitter and Receiver)	**RANGE**	- 210ft (64m)
		BROADCAST	- 1 Transmitter to 6 Receivers*
		SECURITY	- WPA2 Personal and AES

ANTENNA TYPE	- 2 x Internal Antenna (Transmitter and Receiver) - MIMO Interface
IR FLASHER	- 3 IR Flashers
IR EXTENDER	- 1 IR Extender
REMOTE CONTROL	- 17 button IR remote
LEDS	- Port ID 5 x LED on Transmitter; 3 x LED on Receiver - Power On 1 x LED (Transmitter and Receiver) - Link 1 x LED (Transmitter and Receiver)
COLOR	- Black
HOUSING CASE	- Plastic
UNIT SPECIFICATIONS	- Dimensions (W x H x D): 1.06" x 7.63" x 4.06" (27 x 194 x 103mm) - Unit Weight 1.36lb (0.62kg) - Unit Weight w/accessories: 2.32lb (1.05kg)
MASTER PACK SPECIFICATIONS HDS300 (Quantity of 9)	- Master Pack Qty: 9ea - Dimensions (W x H x D): 20" x 9.4" x 15.6" (508 x 239 x 396mm) - Ship Weight: 31.52lb (14kg)

* Multicast models available (HDS300-2,-3,-4,-5,-6)
** From HDMI 1 input only

Package Specifications

	PACKAGE SIZE (W x H x D)	PACKAGE SHIP WEIGHT	PACKAGE UPC CODE	PACKAGE CONTENTS	UNITS IN PACKAGE
HDS300	10.88" x 5.86" x 7.86" (276 x 149 x 200mm)	4.7lb (2.13kg)	735029305026	1 x Transmitter, 1 x Receiver, 2 x Stands, 1 x Remote control, 1 x IR Flasher, 1 x IR Extender, 1 x Component adaptor, 2 x Power adaptors	1
HDS300-2	10.00" x 10.00" x 10.00" (254 x 254 x 254mm)	6.4lb (2.9kg)	735029305569	1 x Transmitter, 2 x Receivers, 3 x Stands, 2 x Remote controls, 1 x IR Flasher, 1 x IR Extender, 1 x Component adaptor, 3 x Power adaptors	1
HDS300-3	10.00" x 10.00" x 10.00" (254 x 254 x 254mm)	8.3lb (3.18kg)	735029305552	1 x Transmitter, 3 x Receivers, 4 x Stands, 3 x Remote controls, 1 x IR Flasher, 1 x IR Extender, 1 x Component adaptor, 4 x Power adaptors	1
HDS300-4	10.00" x 10.00" x 10.00" (254 x 254 x 254mm)	10.1lb (4.18kg)	735029305576	1 x Transmitter, 4 x Receivers, 5 x Stands, 4 x Remote controls, 1 x IR Flasher, 1 x IR Extender, 1 x Component adaptor, 5 x Power adaptors	1
HDS300-5	14.875" x 9.375" x 11.375" (378 x 238 x 289mm)	12.35lb (5.6kg)	735029305583	1 x Transmitter, 5 x Receivers, 6 x Stands, 5 x Remote Controls, 1 x IR Flasher, 1 x IR Extender, 1 Component adaptor, 6 x Power adaptors	1
HDS300-6	14.875" x 9.375" x 11.375" (378 x 238 x 289mm)	14.2lb (6.44kg)	735029305590	1 x Transmitter, 6 x Receivers, 7 x Stands, 6 x Remote controls, 1 x IR Flasher, 1 x IR Extender, 1 x Component adaptor, 7 x Power adaptors	1

Accessories

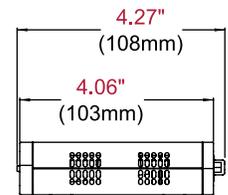|	
HDS300-R:	PeerAir™ Pro Wireless Receiver***
HDS-ASE:	Wireless Tx/Rx Security Enclosure for use with PeerAir™ Pro Models
HDS-S:	Wall Shelf for use with PeerAir™ Pro models

*** Requires transmitter and push button scan pairing.

All dimensions = inch (mm)

7.63" (194mm)

TOP VIEW

1.10" (28mm) 1.25" (32mm)

FRONT VIEW

4.27" (108mm)
4.06" (103mm)
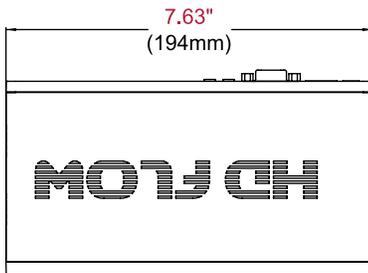
SIDE VIEW

Architect Specifications

The PeerAir™ Pro Wireless AV Multi-Display System shall be a Peerless-AV model HDS300, HDS300-2, HDS300-3, HDS300-4, HDS300-5, HDS300-6 and shall be located where indicated on the plans. Assembly and installation shall be done according to instructions provided by the manufacturer.

Visit **peerless-av.com** to see the complete line of AV solutions from Peerless-AV, including outdoor displays, wireless, kiosks, digital audio, display mounts, projector mounts, carts/stands, and a full assortment of accessories.

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