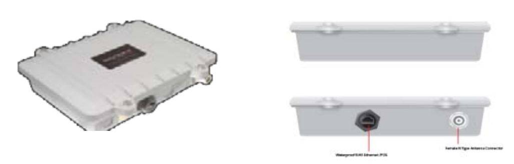
Networks

Wireless Broadband Solutions

HauteSpot Networks HauteWRAP Products

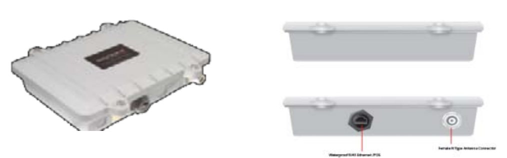
	HR-WRAPSXC	HR-WRAPSXC3E	HR-WRAPSXCi	HR-WRAPDXC	HR-WRAPDXC3E	HR-WRAPDXCi	HR-WRAPLX	HR-WRAPSTA
								
Description	The HauteWRAP™ HR-WRAPSXC is designed for use as a master (aka "AP" or "base station") router in a point to multipoint system, as a high performance station router when the highest throughput is essential, or as a wireless mesh node.	The HauteWRAP™ HR-WRAPSXC3E adds two additional Ethernet ports to the HR-WRAPSXC, eliminating the need for external Ethernet switches. It is particularly well suited for use as a high performance station router where multiple devices (cameras, access controllers, PTZ controllers, etc) need to be connected to the network.	The HauteWRAP™ HR-WRAPSXCi is designed for use as an indoor master (aka "AP" or"base station") router in a point to multipoint system, as a high performance station router when the highest throughput is essential, or as a wireless mesh node. Its three Ethernet ports eliminate the need for an external switch in most cases.	The HauteWRAP™ HR-WRAPDXC is a dual-radio system designed for use as a master (aka "AP" or"base station") router in a multi-frequency point to multipoint system, as a full duplex high performance station router when the highest throughput and lowest latency is essential, or as a dual band wireless mesh node.	The HauteWRAP™ HR-WRAPDXC3E adds two additional Ethernet ports to the HR-WRAPDXC, eliminating the need for external Ethernet switches. It is particularly well suited for use as a full duplex high performance station router where multiple devices (cameras, access controllers, PTZ controllers, etc) need to be connected to the network.	The HauteWRAP™ HR-WRAPDXCi is an indoor dual radio system designed for use as a master (aka "AP" or"base station") router in a multi-frequency point to multipoint system, as a full duplex high performance station router when the highest throughput and lowest latency is essential, or as a dual band wireless mesh node. Its three Ethernet ports eliminate the need for an external switch in most cases.	The HauteWRAP™ HR-WRAPLX is designed for use as a station router (aka "client" or "remote"), as a point to point router for typical bandwidth requirements, or as a wireless mesh node.	The HauteSTATION™ HR-WRAPSTA is designed for use as a low cost fully integrated station router (aka "client" or "remote") including antenna, as a point to point router for typical bandwidth requirements, or as a wireless mesh node.
Throughput	Up to 68 Mbps TCP/IP	Up to 68 Mbps TCP/IP	Up to 68 Mbps TCP/IP	Up to 68 Mbps TCP/IP	Up to 68 Mbps TCP/IP	Up to 68 Mbps TCP/IP	Up to 30 Mbps TCP/IP	Up to 30 Mbps TCP/IP
Applications	**High Density and Performance BASE STATION** Access Point/TDMA Master, Singleband Repeater, P2P Bridge, HWMP Layer 2 Mesh, OLSR Layer 3 Mesh, WDS Dynamic Mesh, Client Bridge, Wireless Router, Host Controller. Interoperates with 802.11 equipment.	**High Density and Performance BASESTATION** Access Point/TDMA Master, Singleband Repeater, P2P Bridge, HWMP Layer 2 Mesh, OLSR Layer 3 Mesh, WDS Dynamic Mesh, Client Bridge, Wireless Router, Host Controller. Interoperates with 802.11 equipment.	**High Density and Performance BASESTATION** Access Point/TDMA Master, Singleband Repeater, P2P Bridge, HWMP Layer 2 Mesh, OLSR Layer 3 Mesh, WDS Dynamic Mesh, Client Bridge, Wireless Router, Host Controller. Interoperates with 802.11 equipment.	**High Density and Performance BASESTATION OR REPEATER** Access Point/TDMA Master, Multiband Repeater, Full Duplex P2P Bridge, HWMP Layer 2 Mesh, OLSR Layer 3 Mesh, WDS Dynamic Mesh, WDS Mesh Node, Client Bridge, Wireless Router, Host Controller. Interoperates with 802.11 equipment.	**High Density and Performance BASESTATION OR REPEATER** Access Point/TDMA Master, Multiband Repeater, Full Duplex P2P Bridge, HWMP Layer 2 Mesh, OLSR Layer 3 Mesh, WDS Dynamic Mesh, WDS Mesh Node, Client Bridge, Wireless Router, Host Controller. Interoperates with 802.11 equipment.	**High Density and Performance BASESTATION OR REPEATER** Access Point/TDMA Master, Multiband Repeater, Full Duplex P2P Bridge, HWMP Layer 2 Mesh, OLSR Layer 3 Mesh, WDS Dynamic Mesh, WDS Mesh Node, Client Bridge, Wireless Router, Host Controller. Interoperates with 802.11 equipment.	**REMOTE STATION OR LOW DENSITY ACCESS POINT** Access Point/TDMA Master, Singleband Repeater, P2P Bridge, HWMP Layer 2 Mesh, OLSR Layer 3 Mesh, WDS Dynamic Mesh, Client Bridge, Wireless Router, Host Controller. Interoperates with 802.11 equipment.	**REMOTE STATION** P2P Bridge, HWMP Layer 2 Mesh, OLSR Layer 3 Mesh, WDS Dynamic Mesh, Client Bridge, Wireless Router, Host Controller. Interoperates with 802.11 equipment.
Enclosure	NEMA 4 IP6/7 waterproof outdoor	NEMA 4 IP6/7 waterproof outdoor	lightweight extruded aluminum case for indoors or in vehicles	NEMA 4 IP6/7 waterproof outdoor	NEMA 4 IP6/7 waterproof outdoor	lightweight extruded aluminum case for indoors or in vehicles	NEMA 4 IP6/7 waterproof outdoor	NEMA 4 IP6/7 waterproof outdoor
Wireless Interfaces	1	1	1	2	2	2	1	1
Frequencies Supported	"-M" Multiband 2.1-2.5 GHz 25dBm/-92dBm (ISM 2.4 GHz, S-Band Gov and export only) and 4.9-6.0 GHz 24dBm/-90dBm (UNII and Public Safety) "-2" 2.1-2.6 GHz 28dBm/-97dBm "-37" 3.65 GHz 25dBm/-92dBm (ULS FCC Approval Req) "-4" 4.9GHz Public Safety 26dBm/-94dBm "-5" 5.0-6.1 GHz 28dBm/-94dBm (NII 5.1-5.8GHz, others Gov and export only) "-9" 900 MHz 28dBm/-93dBm (ISM) "-1" 180-280 MHz (FCC Approval Req) Special Order Only "-7" 765 MHz (D-Block Gov and export only) Special Order Only "-18" 1.755 GHz (L-Band Gov and export only) Special Order Only "-27" 2.7-3.7GHz (FCC Approval Req) Special Order Only	"-M" Multiband 2.1-2.5 GHz 25dBm (ISM 2.4 GHz, S-Band Gov and export only) and 4.9-6.0 GHz 24dBm (UNII and Public Safety) "-2" 2.1-2.6 GHz 26dBm "-37" 3.65 GHz 25dBm (ULS FCC Approval Req) "-5" 5.0-6.1 GHz 28dBm (NII 5.1-5.8GHz, others Gov and export only) "-9" 900 MHz 28dBm (ISM) "-1" 180-280 MHz (FCC Approval Req) Special Order Only "-7" 765 MHz (D-Block Gov and export only) Special Order Only "-18" 1.755 GHz (L-Band Gov and export only) Special Order Only "-27" 2.7-3.7GHz (FCC Approval Req) Special Order Only	"-M" Multiband 2.1-2.5 GHz 25dBm (ISM 2.4 GHz, S-Band Gov and export only) and 4.9-6.0 GHz 24dBm (UNII and Public Safety) "-2" 2.1-2.6 GHz 26dBm "-37" 3.65 GHz 25dBm (ULS FCC Approval Req) "-5" 5.0-6.1 GHz 28dBm (NII 5.1-5.8GHz, others Gov and export only) "-9" 900 MHz 28dBm (ISM) "-1" 180-280 MHz (FCC Approval Req) Special Order Only "-7" 765 MHz (D-Block Gov and export only) Special Order Only "-18" 1.755 GHz (L-Band Gov and export only) Special Order Only "-27" 2.7-3.7GHz (FCC Approval Req) Special Order Only	"-M" Multiband 2.1-2.5 GHz 25dBm (ISM 2.4 GHz, S-Band Gov and export only) and 4.9-6.0 GHz 24dBm (UNII and Public Safety) "-2" 2.1-2.6 GHz 26dBm "-37" 3.65 GHz 25dBm (ULS FCC Approval Req) "-5" 5.0-6.1 GHz 28dBm (NII 5.1-5.8GHz, others Gov and export only) "-9" 900 MHz 28dBm (ISM) "-1" 180-280 MHz (FCC Approval Req) Special Order Only "-7" 765 MHz (D-Block Gov and export only) Special Order Only "-18" 1.755 GHz (L-Band Gov and export only) Special Order Only "-27" 2.7-3.7GHz (FCC Approval Req) Special Order Only	"-M" Multiband 2.1-2.5 GHz 25dBm (ISM 2.4 GHz, S-Band Gov and export only) and 4.9-6.0 GHz 24dBm (UNII and Public Safety) "-2" 2.1-2.6 GHz 26dBm "-37" 3.65 GHz 25dBm (ULS FCC Approval Req) "-5" 5.0-6.1 GHz 28dBm (NII 5.1-5.8GHz, others Gov and export only) "-9" 900 MHz 28dBm (ISM) "-1" 180-280 MHz (FCC Approval Req) Special Order Only "-7" 765 MHz (D-Block Gov and export only) Special Order Only "-18" 1.755 GHz (L-Band Gov and export only) Special Order Only "-27" 2.7-3.7GHz (FCC Approval Req) Special Order Only	"-M" Multiband 2.1-2.5 GHz 25dBm (ISM 2.4 GHz, S-Band Gov and export only) and 4.9-6.0 GHz 24dBm (UNII and Public Safety) "-2" 2.1-2.6 GHz 26dBm "-37" 3.65 GHz 25dBm (ULS FCC Approval Req) "-5" 5.0-6.1 GHz 28dBm (NII 5.1-5.8GHz, others Gov and export only) "-9" 900 MHz 28dBm (ISM) "-1" 180-280 MHz (FCC Approval Req) Special Order Only "-7" 765 MHz (D-Block Gov and export only) Special Order Only "-18" 1.755 GHz (L-Band Gov and export only) Special Order Only "-27" 2.7-3.7GHz (FCC Approval Req) Special Order Only	"-M" Multiband 2.1-2.5 GHz 25dBm (ISM 2.4 GHz, S-Band Gov and export only) and 4.9-6.0 GHz 24dBm (UNII and Public Safety) "-2" 2.1-2.6 GHz 26dBm "-37" 3.65 GHz 25dBm (ULS FCC Approval Req) "-5" 5.0-6.1 GHz 28dBm (NII 5.1-5.8GHz, others Gov and export only) "-9" 900 MHz 28dBm (ISM) "-1" 180-280 MHz (FCC Approval Req) Special Order Only "-7" 765 MHz (D-Block Gov and export only) Special Order Only "-18" 1.755 GHz (L-Band Gov and export only) Special Order Only "-27" 2.7-3.7GHz (FCC Approval Req) Special Order Only	- STATION2-16 2.4GHz w/16dBi gain antenna - STATION37-18 3.65GHz w/18dBi gain antenna - STATION5-20 5 GHz w/20dBi gain antenna - STATION9-10 900MHz w/10dBi gain antenna
Channel Width	5,10,20,40MHz	5,10,20,40MHz	5,10,20,40MHz	5,10,20,40MHz	5,10,20,40MHz	5,10,20,40MHz	5,10,20,40MHz	5,10,20,40MHz
Modulation	DSSS (DQPSK,CCK), OFDM (BPSK,QPSK,16-QAM,64-QAM)	DSSS (DQPSK,CCK), OFDM (BPSK,QPSK,16-QAM,64-QAM)	DSSS (DQPSK,CCK), OFDM (BPSK,QPSK,16-QAM,64-QAM)	DSSS (DQPSK,CCK), OFDM (BPSK,QPSK,16-QAM,64-QAM)	DSSS (DQPSK,CCK), OFDM (BPSK,QPSK,16-QAM,64-QAM)	DSSS (DQPSK,CCK), OFDM (BPSK,QPSK,16-QAM,64-QAM)	DSSS (DQPSK,CCK), OFDM (BPSK,QPSK,16-QAM,64-QAM)	DSSS (DQPSK,CCK), OFDM (BPSK,QPSK,16-QAM,64-QAM)
EVDO/UMTS	Special Order	Special Order	Special Order	Special Order	Special Order	Special Order	Not available	Not available
Wireless Protocols Supported	HauteSpot TDMA-like TLP 802.11a,b,d,e,f,g,h,i Proprietary bonding WDS Mesh	HauteSpot TDMA-like TLP 802.11a,b,d,e,f,g,h,i Proprietary bonding WDS Mesh	HauteSpot TDMA-like TLP 802.11a,b,d,e,f,g,h,i Proprietary bonding WDS Mesh	HauteSpot TDMA-like TLP 802.11a,b,d,e,f,g,h,i Proprietary bonding WDS Mesh	HauteSpot TDMA-like TLP 802.11a,b,d,e,f,g,h,i Proprietary bonding WDS Mesh	HauteSpot TDMA-like TLP 802.11a,b,d,e,f,g,h,i Proprietary bonding WDS Mesh	HauteSpot TDMA-like TLP 802.11a,b,d,e,f,g,h,i Proprietary bonding WDS Mesh	HauteSpot TDMA-like TLP 802.11a,b,d,e,f,g,h,i Proprietary bonding WDS Mesh
Full Duplex Support	NA	NA	NA	HauteSpot TDMA-like TLP dual bonding 802.3ad link aggregation bonding OSPF routed fail over MPLS/VPLS fail over	HauteSpot TDMA-like TLP dual bonding 802.3ad link aggregation bonding OSPF routed fail over MPLS/VPLS fail over	HauteSpot TDMA-like TLP dual bonding 802.3ad link aggregation bonding OSPF routed fail over MPLS/VPLS fail over	NA	NA
Mesh Supported	Yes, HWMP (802.11s) and OLSR	Yes, HWMP (802.11s) and OLSR	Yes, HWMP (802.11s) and OLSR	Yes, HWMP (802.11s) and OLSR	Yes, HWMP (802.11s) and OLSR	Yes, HWMP (802.11s) and OLSR	Yes, HWMP (802.11s) and OLSR	Yes, HWMP (802.11s) and OLSR
TDMA Supported	Yes, master or slave	Yes, master or slave	Yes, master or slave	Yes, master or slave	Yes, master or slave	Yes, master or slave	Yes, slave only recommended	Yes, slave only recommended
Transmit Gain	"-M" Multiband 2.1-2.5 GHz 25dBm / 4.9-6.0 GHz 24dBm "-2" 2.1-2.6 GHz 28dBm "-37" 3.65 GHz 25dBm "-4" 4.9 GHz 26dBm (Public Safety) "-5" 5.0-6.1 GHz 28dBm "-9" 900 MHz 28dBm "-1" 180-280 MHz 28dBm (Special Order) "-7" 765 MHz 28dBm (Special Order) "-18" 1.755 GHz 25dBm (Special Order)	"-M" Multiband 2.1-2.5 GHz 25dBm / 4.9-6.0 GHz 24dBm "-2" 2.1-2.6 GHz 28dBm "-37" 3.65 GHz 25dBm "-4" 4.9 GHz 26dBm (Public Safety) "-5" 5.0-6.1 GHz 28dBm "-9" 900 MHz 28dBm "-1" 180-280 MHz 28dBm (Special Order) "-7" 765 MHz 28dBm (Special Order) "-18" 1.755 GHz 25dBm (Special Order)	"-M" Multiband 2.1-2.5 GHz 25dBm / 4.9-6.0 GHz 24dBm "-2" 2.1-2.6 GHz 28dBm "-37" 3.65 GHz 25dBm "-4" 4.9 GHz 26dBm (Public Safety) "-5" 5.0-6.1 GHz 28dBm "-9" 900 MHz 28dBm "-1" 180-280 MHz 28dBm (Special Order) "-7" 765 MHz 28dBm (Special Order) "-18" 1.755 GHz 25dBm (Special Order)	"-M" Multiband 2.1-2.5 GHz 25dBm / 4.9-6.0 GHz 24dBm "-2" 2.1-2.6 GHz 28dBm "-37" 3.65 GHz 25dBm "-4" 4.9 GHz 26dBm (Public Safety) "-5" 5.0-6.1 GHz 28dBm "-9" 900 MHz 28dBm "-1" 180-280 MHz 28dBm (Special Order) "-7" 765 MHz 28dBm (Special Order) "-18" 1.755 GHz 25dBm (Special Order)	"-M" Multiband 2.1-2.5 GHz 25dBm / 4.9-6.0 GHz 24dBm "-2" 2.1-2.6 GHz 28dBm "-37" 3.65 GHz 25dBm "-4" 4.9 GHz 26dBm (Public Safety) "-5" 5.0-6.1 GHz 28dBm "-9" 900 MHz 28dBm "-1" 180-280 MHz 28dBm (Special Order) "-7" 765 MHz 28dBm (Special Order) "-18" 1.755 GHz 25dBm (Special Order)	"-M" Multiband 2.1-2.5 GHz 25dBm / 4.9-6.0 GHz 24dBm "-2" 2.1-2.6 GHz 28dBm "-37" 3.65 GHz 25dBm "-4" 4.9 GHz 26dBm (Public Safety) "-5" 5.0-6.1 GHz 28dBm "-9" 900 MHz 28dBm "-1" 180-280 MHz 28dBm (Special Order) "-7" 765 MHz 28dBm (Special Order) "-18" 1.755 GHz 25dBm (Special Order)	"-M" Multiband 2.1-2.5 GHz 25dBm / 4.9-6.0 GHz 24dBm "-2" 2.1-2.6 GHz 28dBm "-37" 3.65 GHz 25dBm "-4" 4.9 GHz 26dBm (Public Safety) "-5" 5.0-6.1 GHz 28dBm "-9" 900 MHz 28dBm "-1" 180-280 MHz 28dBm (Special Order) "-7" 765 MHz 28dBm (Special Order) "-18" 1.755 GHz 25dBm (Special Order)	- STATION2-16 2.4GHz 30dBm - STATION37-18 3.65GHz 33dBm - STATION5-20 5 GHz 48dBm - STATION9-10 900MHz 38dBm

Antennas not included

HAUTESPOT Networks

Wireless Broadband Solutions

HauteSpot Networks HauteWRAP Products

	HR-WRAPSXC	HR-WRAPSXC3E	HR-WRAPSXCi	HR-WRAPDXC	HR-WRAPDXC3E	HR-WRAPDXCi	HR-WRAPLX	HR-WRAPSTA
								
Receive Sensitivity	"-M" Multiband 2.1-2.5 GHz -92dBm / 4.9-6.0 GHz -90dBm "-2" 2.1-2.6 GHz -97dBm "-37" 3.65 GHz -92dBm "-4" 4.9GHz -94dBm (Public Safety) "-5" 5.0-6.1 GHz -94dBm "-9" 900 MHz -93dBm "-1" 180-280 MHz -92dBm (Special Order) "-7" 765 MHz -95dBm (Special Order) "-18" 1.755 GHz -102dBm (Special Order) "-27" 2.7-3.7GHz -92dBm (Special Order) "-44" 4.4GHz -94dBm (Special Order)	"-M" Multiband 2.1-2.5 GHz -92dBm / 4.9-6.0 GHz -90dBm "-2" 2.1-2.6 GHz -97dBm "-37" 3.65 GHz -92dBm "-4" 4.9GHz -94dBm (Public Safety) "-5" 5.0-6.1 GHz -94dBm "-9" 900 MHz -93dBm "-1" 180-280 MHz -92dBm (Special Order) "-7" 765 MHz -95dBm (Special Order) "-18" 1.755 GHz -102dBm (Special Order) "-27" 2.7-3.7GHz -92dBm (Special Order) "-44" 4.4GHz -94dBm (Special Order)	"-M" Multiband 2.1-2.5 GHz -92dBm / 4.9-6.0 GHz -90dBm "-2" 2.1-2.6 GHz -97dBm "-37" 3.65 GHz -92dBm "-4" 4.9GHz -94dBm (Public Safety) "-5" 5.0-6.1 GHz -94dBm "-9" 900 MHz -93dBm "-1" 180-280 MHz -92dBm (Special Order) "-7" 765 MHz -95dBm (Special Order) "-18" 1.755 GHz -102dBm (Special Order) "-27" 2.7-3.7GHz -92dBm (Special Order) "-44" 4.4GHz -94dBm (Special Order)	"-M" Multiband 2.1-2.5 GHz -92dBm / 4.9-6.0 GHz -90dBm "-2" 2.1-2.6 GHz -97dBm "-37" 3.65 GHz -92dBm "-4" 4.9GHz -94dBm (Public Safety) "-5" 5.0-6.1 GHz -94dBm "-9" 900 MHz -93dBm "-1" 180-280 MHz -92dBm (Special Order) "-7" 765 MHz -95dBm (Special Order) "-18" 1.755 GHz -102dBm (Special Order) "-27" 2.7-3.7GHz -92dBm (Special Order) "-44" 4.4GHz -94dBm (Special Order)	"-M" Multiband 2.1-2.5 GHz -92dBm / 4.9-6.0 GHz -90dBm "-2" 2.1-2.6 GHz -97dBm "-37" 3.65 GHz -92dBm "-4" 4.9GHz -94dBm (Public Safety) "-5" 5.0-6.1 GHz -94dBm "-9" 900 MHz -93dBm "-1" 180-280 MHz -92dBm (Special Order) "-7" 765 MHz -95dBm (Special Order) "-18" 1.755 GHz -102dBm (Special Order) "-27" 2.7-3.7GHz -92dBm (Special Order) "-44" 4.4GHz -94dBm (Special Order)	"-M" Multiband 2.1-2.5 GHz -92dBm / 4.9-6.0 GHz -90dBm "-2" 2.1-2.6 GHz -97dBm "-37" 3.65 GHz -92dBm "-4" 4.9GHz -94dBm (Public Safety) "-5" 5.0-6.1 GHz -94dBm "-9" 900 MHz -93dBm "-1" 180-280 MHz -92dBm (Special Order) "-7" 765 MHz -95dBm (Special Order) "-18" 1.755 GHz -102dBm (Special Order) "-27" 2.7-3.7GHz -92dBm (Special Order) "-44" 4.4GHz -94dBm (Special Order)	"-M" Multiband 2.1-2.5 GHz -92dBm / 4.9-6.0 GHz -90dBm "-2" 2.1-2.6 GHz -97dBm "-37" 3.65 GHz -92dBm "-4" 4.9GHz -94dBm (Public Safety) "-5" 5.0-6.1 GHz -94dBm "-9" 900 MHz -93dBm "-1" 180-280 MHz -92dBm (Special Order) "-7" 765 MHz -95dBm (Special Order) "-18" 1.755 GHz -102dBm (Special Order) "-27" 2.7-3.7GHz -92dBm (Special Order) "-44" 4.4GHz -94dBm (Special Order)	- STATION2-16 2.4GHz -108dBm - STATION37-18 3.65GHz -110dBm - STATION5-20 5 GHz -114dBm - STATION9-10 900MHz -103dBm
Ethernet Ports	1 10/100 Ethernet RJ45	3 10/100 Ethernet RJ45 (no outbound PoE on any ports)	3 10/100 Ethernet RJ45	1 10/100 Ethernet RJ45	3 10/100 Ethernet RJ45	3 10/100 Ethernet RJ45	1 10/100 Ethernet RJ45	1 10/100 Ethernet RJ45
Processor	Atheros AR7100 MIPS32® 24K® processor core @680MHz	Atheros AR7100 MIPS32® 24K® processor core @680MHz	Atheros AR7100 MIPS32® 24K® processor core @680MHz	Atheros AR7100 MIPS32® 24K® processor core @680MHz	Atheros AR7100 MIPS32® 24K® processor core @680MHz	Atheros AR7100 MIPS32® 24K® processor core @680MHz	Atheros AR7100 MIPS 24K processor core @ 300MHz	Atheros AR7100 MIPS 24K processor core @ 300MHz
Memory	128MB DDR SDRAM	128MB DDR SDRAM	128MB DDR SDRAM	128MB DDR SDRAM	128MB DDR SDRAM	128MB DDR SDRAM	32MB DDR SDRAM	32MB DDR SDRAM
Storage	512MB NAND Fixed Storage	512MB NAND Fixed Storage	512MB NAND Fixed Storage	512MB NAND Fixed Storage	512MB NAND Fixed Storage	512MB NAND Fixed Storage	64MB NAND Fixed Storage	64MB NAND Fixed Storage
Operating System	HauteRouterOS - High function, non customizable	HauteRouterOS - High function, non customizable	HauteRouterOS - High function, non customizable	HauteRouterOS - High function, non customizable	HauteRouterOS - High function, non customizable	HauteRouterOS - High function, non customizable	HauteRouterOS - High function, non customizable	HauteRouterOS - High function, non customizable
Power	11-27VDC, 90-240VAC/18VDC/15W supply provided with PoE injector. 6W typical, 12W max.	11-27VDC, 90-240VAC/18VDC/15W supply provided with PoE injector. 6W typical, 12W max.	11-27VDC, 90-240VAC/18VDC/15W supply provided. 6W typical, 12W max. PoE injector not included.	11-27VDC, 90-240VAC/18VDC/15W supply provided with PoE injector. 10W typical, 14W max.	11-27VDC, 90-240VAC/18VDC/15W supply provided with PoE injector. 10W typical, 14W max.	11-27VDC, 90-240VAC/18VDC/15W supply provided. 10W typical, 14W max. PoE injector optional	11-27VDC, 90-240VAC/18VDC/15W supply provided with PoE injector. 6W typical, 12W max.	11-27VDC, 90-240VAC/18VDC/15W supply provided with PoE injector. 6W typical, 12W max.
Operating Temp	-20 deg C to +70 deg C	-20 deg C to +70 deg C	-20 deg C to +70 deg C	-20 deg C to +70 deg C	-20 deg C to +70 deg C	-20 deg C to +70 deg C	-20 deg C to +70 deg C	-20 deg C to +70 deg C
Storage Temp	-40 deg C to +85 deg C	-40 deg C to +85 deg C	-40 deg C to +85 deg C	-40 deg C to +85 deg C	-40 deg C to +85 deg C	-40 deg C to +85 deg C	-40 deg C to +85 deg C	-40 deg C to +85 deg C
Operating Humidity	Operational: up to 100% relative humidity (non-condensing)	Operational: up to 100% relative humidity (non-condensing)	Operational: up to 70% relative humidity (non-condensing)	Operational: up to 100% relative humidity (non-condensing)	Operational: up to 100% relative humidity (non-condensing)	Operational: up to 70% relative humidity (non-condensing)	Operational: up to 100% relative humidity (non-condensing)	Operational: up to 98% relative humidity (non-condensing)
Dimensions:	8"(W) x 5.5" (L) x 2" (H)	8"(W) x 5.5" (L) x 2" (H)	8"(W) x 5.5" (L) x 2" (H)	8"(W) x 5.5" (L) x 2" (H)	8"(W) x 5.5" (L) x 2" (H)	8"(W) x 5.5" (L) x 2" (H)	8"(W) x 5.5" (L) x 2" (H)	11"x4"x10.5"
Weight:	2.7 lbs	2.7 lbs	2.7 lbs	2.7 lbs	2.7 lbs	2.7 lbs	2.7 lbs	3.5 lbs
Mounting	1.5" to 2" pole mount, optional wall mount/surface mount	1.5" to 2" pole mount, optional wall mount/surface mount	1.5" to 2" pole mount, optional wall mount/surface mount	1.5" to 2" pole mount, optional wall mount/surface mount	1.5" to 2" pole mount, optional wall mount/surface mount	1.5" to 2" pole mount, optional wall mount/surface mount	1.5" to 2" pole mount, optional wall mount/surface mount	1.5" to 2" pole mount, window frame free standing
Other								
Availability	1 week ARO	1 week ARO	1 week ARO	1 week ARO	1 week ARO	1 week ARO	1 week ARO	1 week ARO
Warranty	1 year Parts and Labor	1 year Parts and Labor	1 year Parts and Labor	1 year Parts and Labor	1 year Parts and Labor	1 year Parts and Labor	1 year Parts and Labor	1 year Parts and Labor
Antenna Options	Call	Call	Call	Call	Call	Call	Call	None (Integrated)

Antennas not included

HAUTESPOT™ Networks

Wireless Broadband Solutions

HauteSpot Networks HauteROUTER Products

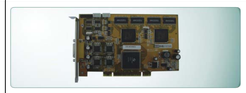
	HR-IXPSXP	HR-IXPSXPs	HR-IXPSX	HR-IXPDX	HR-IXPSXPi
					
Description	High performance single radio Outdoor streaming media wireless bridge	High performance single radio Outdoor streaming media wireless bridge with Serial Over IP and Antenna Diversity	High performance general purpose single radio Outdoor wireless router, repeater, base station, bridge	High performance general purpose dual radio Outdoor wireless router, repeater, base station, bridge	High performance single radio Indoor streaming media wireless bridge
Throughput	65 Mbps TCP/IP	65 Mbps TCP/IP	65Mbps TCP/IP aggregate	200Mbps TCP/IP aggregate	65 Mbps TCP/IP
Applications	**High Performance** P2P Streaming Media Bridge for HD or SD video or high capacity voice over IP. Use with external encoders or VoIP switches/gateways. Ideal for SCADA applications where low latency is required. Order in pairs or use as base station to HR-IXPSXPi-SD	**High Performance** P2P Streaming Media Bridge for HD or SD video or high capacity voice over IP. Use with external encoders or VoIP switches/gateways. Ideal for SCADA applications. Diveristy aids mobile applications or links that are partially obstructed. Serial over IP support for remote control applications. Order in pairs or use as base station to HR-IXPSXPi-SD	**High Density and Performance** Access Point, Multiband Repeater, P2P Bridge, WDS Mesh Node, Client Bridge, Wireless Router. Interoperates with any 802.11 equipment or HauteLine equipment.	**High Density and Performance** Access Point, Multiband Repeater, P2P Bridge, WDS Mesh Node, Client Bridge, Wireless Router. Interoperates with any 802.11 equipment or HauteLine equipment. Make transitions between HauteLine backhaul and 802.11 distribution/access.	**High Performance** P2P Streaming Media Bridge for HD or SD video or high capacity voice over IP. Use with external encoders or VoIP switches/gateways. Ideal for SCADA applications where low latency is required. Serial over IP support for remote control applications. Order in pairs or use as base station to HR-IXPSXPi-SD
Enclosure Options	NEMA 4 IP6/7 waterproof outdoor	NEMA 4 IP6/7 waterproof outdoor	NEMA 4 IP6/7 waterproof outdoor	NEMA 4 IP6/7 waterproof outdoor	Lightweight blue sheet metal enclosure. Small enough for camera back or vechile mounting. Can be belt worn too.
Wireless Interfaces	1	1	1	2	1
Frequencies Supported	- 700MHz (FCC Approval Req) - 900MHz - 1.7GHz (Gov and export only) - 2.3-2.5GHz (ISM 2.4GHz, others Gov and export only) - 2.7-3.7GHz (FCC Approval Req) - 4.9GHz (FCC Part 90Y Public Safety only) - 5.0-6.1GHz (NII 5.1-5.8GHz, others Gov and export only)	- 700MHz (FCC Approval Req) - 900MHz - 1.7GHz (Gov and export only) - 2.3-2.5GHz (ISM 2.4GHz, others Gov and export only) - 2.7-3.7GHz (FCC Approval Req) - 4.9GHz (FCC Part 90Y Public Safety only) - 5.0-6.1GHz (NII 5.1-5.8GHz, others Gov and export only)	- 700MHz (FCC Approval Req) - 900MHz - 1.7GHz (Gov and export only) - 2.3-2.5GHz (ISM 2.4GHz, others Gov and export only) - 2.7-3.7GHz (FCC Approval Req) - 4.9GHz (FCC Part 90Y Public Safety only) - 5.0-6.1GHz (NII 5.1-5.8GHz, others Gov and export only)	- 700MHz (FCC Approval Req) - 900MHz - 1.7GHz (Gov and export only) - 2.3-2.5GHz (ISM 2.4GHz, others Gov and export only) - 2.7-3.7GHz (FCC Approval Req) - 4.9GHz (FCC Part 90Y Public Safety only) - 5.0-6.1GHz (NII 5.1-5.8GHz, others Gov and export only)	- 700MHz (FCC Approval Req) - 900MHz - 1.7GHz (Gov and export only) - 2.3-2.5GHz (ISM 2.4GHz, others Gov and export only) - 2.7-3.7GHz (FCC Approval Req) - 4.9GHz (FCC Part 90Y Public Safety only) - 5.0-6.1GHz (NII 5.1-5.8GHz, others Gov and export only)
Channel Width	5,10,20,40MHz	5,10,20,40MHz	5,10,20,40MHz	5,10,20,40MHz	5,10,20,40MHz
Modulation	OFDM	OFDM	DSSS, OFDM	DSSS, OFDM	OFDM
Wireless Protocols Supported	HauteLine Streaming Media	HauteLine Streaming Media	802.11a,b,d,e,f,g,h,I HauteLine Streaming Media	802.11a,b,d,e,f,g,h,I HauteLine Streaming Media	HauteLine Streaming Media
Transmit Gain	- 700MHz 700mW (28dBm) - FCC Approval Req - 900MHz 700mW (28dBm) - 1.755GHz 500mW (27dBm) - FCC Approval Req - 2.3-2.5GHz 400mW (26dBm) Optional 28dBm in volume - 2.7-3.7GHz 350mW (25dBm) - FCC Approval Req - 4.9GHz 350mW (25dBm) - FCC Approval Req - 5.1-6.1GHz 400mW (26dBm) Optional 28dBm in volume	- 700MHz 700mW (28dBm) - FCC Approval Req - 900MHz 700mW (28dBm) - 1.755GHz 500mW (27dBm) - FCC Approval Req - 2.3-2.5GHz 400mW (26dBm) Optional 28dBm in volume - 2.7-3.7GHz 350mW (25dBm) - FCC Approval Req - 4.9GHz 350mW (25dBm) - FCC Approval Req - 5.1-6.1GHz 400mW (26dBm) Optional 28dBm in volume	- 700MHz 700mW (28dBm) - FCC Approval Req - 900MHz 700mW (28dBm) - 1.755GHz 500mW (27dBm) - FCC Approval Req - 2.3-2.5GHz 400mW (26dBm) Optional 28dBm in volume - 2.7-3.7GHz 350mW (25dBm) - FCC Approval Req - 4.9GHz 350mW (25dBm) - FCC Approval Req - 5.1-6.1GHz 400mW (26dBm) Optional 28dBm in volume	- 700MHz 700mW (28dBm) - FCC Approval Req - 900MHz 700mW (28dBm) - 1.755GHz 500mW (27dBm) - FCC Approval Req - 2.3-2.5GHz 400mW (26dBm) Optional 28dBm in volume - 2.7-3.7GHz 350mW (25dBm) - FCC Approval Req - 4.9GHz 350mW (25dBm) - FCC Approval Req - 5.1-6.1GHz 400mW (26dBm) Optional 28dBm in volume	- 700MHz 700mW (28dBm) - FCC Approval Req - 900MHz 700mW (28dBm) - 1.755GHz 500mW (27dBm) - FCC Approval Req - 2.3-2.5GHz 400mW (26dBm) Optional 28dBm in volume - 2.7-3.7GHz 350mW (25dBm) - FCC Approval Req - 4.9GHz 350mW (25dBm) - FCC Approval Req - 5.1-6.1GHz 400mW (26dBm) Optional 28dBm in volume
Receive Sensitivity	- 700MHz -95dBm - 900MHz -95dBm - 2.3-2.5GHz -96dBm - 2.7-3.7GHz -92dBm - 4.9GHz -94dBm - 5.1-6.1GHz -94dBm	- 700MHz -95dBm - 900MHz -95dBm - 2.3-2.5GHz -96dBm - 2.7-3.7GHz -92dBm - 4.9GHz -94dBm - 5.1-6.1GHz -94dBm	- 700MHz -95dBm - 900MHz -95dBm - 2.3-2.5GHz -96dBm - 2.7-3.7GHz -92dBm - 4.9GHz -94dBm - 5.1-6.1GHz -94dBm	- 700MHz -95dBm - 900MHz -95dBm - 2.3-2.5GHz -96dBm - 2.7-3.7GHz -92dBm - 4.9GHz -94dBm - 5.1-6.1GHz -94dBm	- 700MHz -95dBm - 900MHz -95dBm - 2.3-2.5GHz -96dBm - 2.7-3.7GHz -92dBm - 4.9GHz -94dBm - 5.1-6.1GHz -94dBm
Processor	Intel Xscale IXP 420 multicore network processor	Intel Xscale IXP 420 multicore network processor	Intel Xscale IXP 425 multicore network processor with cryptographic hardware acelleration	Intel Xscale IXP 425 multicore network processor with cryptographic hardware acelleration	Intel Xscale IXP 420 multicore network processor
Memory	64MB SDRAM	64MB SDRAM	64MB SDRAM	64MB SDRAM	64MB SDRAM
Storage	High Performance, secure, on-board StrataFlash	High Performance, secure, on-board StrataFlash	High Performance, secure, on-board StrataFlash	High Performance, secure, on-board StrataFlash	High Performance, secure, on-board StrataFlash
Operating System	HauteRouteOS - Embedded OS optimized for wireless networking. Highly customizable.	HauteRouteOS - Embedded OS optimized for wireless networking. Highly customizable.	HauteRouteOS - Embedded OS optimized for wireless networking. Highly customizable.	HauteRouteOS - Embedded OS optimized for wireless networking. Highly customizable.	HauteRouteOS - Embedded OS optimized for wireless networking. Highly customizable.
Other	Includes HauteLine streaming media protocol which eliminates jitter and delay variation. OEM Options include: High Temperature Parts SATA/ATA Controller Compact Flash Multiport Serial Multiport Ethernet Multiport IEEE 1394 Multiport IEEE 1394A Ultra SCSI 160 GPS Receiver Video Overlay DVR Record function Other options call	Includes HauteLine streaming media protocol which eliminates jitter and delay variation. OEM Options include: High Temperature Parts SATA/ATA Controller Compact Flash Multiport Serial Multiport Ethernet Multiport IEEE 1394 Multiport IEEE 1394A Ultra SCSI 160 GPS Receiver Video Overlay DVR Record function Other options call	Includes HauteLine streaming media protocol which eliminates jitter and delay variation. OEM Options include: High Temperature Parts SATA/ATA Controller Compact Flash Multiport Serial Multiport Ethernet Multiport IEEE 1394 Multiport IEEE 1394A Ultra SCSI 160 GPS Receiver Video Overlay DVR Record function Other options call	Includes HauteLine streaming media protocol which eliminates jitter and delay variation. OEM Options include: High Temperature Parts SATA/ATA Controller Compact Flash Multiport Serial Multiport Ethernet Multiport IEEE 1394 Multiport IEEE 1394A Ultra SCSI 160 GPS Receiver Video Overlay DVR Record function Other options call	Includes HauteLine streaming media protocol which eliminates jitter and delay variation. OEM Options include: High Temperature Parts SATA/ATA Controller Compact Flash Multiport Serial Multiport Ethernet Multiport IEEE 1394 Multiport IEEE 1394A Ultra SCSI 160 GPS Receiver Video Overlay DVR Record function Other options call
Availability	1 week ARO	1 week ARO	1 week ARO	1 week ARO	1 week ARO
Warranty	1 year Parts and Labor	1 year Parts and Labor	1 year Parts and Labor	1 year Parts and Labor	1 year Parts and Labor
Antenna Options	Call	Call	Call	Call	Call
MSRP	CALL	CALL	CALL	CALL	CALL

Antennas not included

HAUTESPOT™ Networks

Wireless Broadband Solutions

HauteSpot Networks HauteSHOT Products

	HR-IXPSXPi-264	HR-IPCAM	HR-VE264	HR-VE-264-4LE	HR-VE-264-4	HR-VD-264	HR-VD4004PCI
							
Description	High performance Indoor streaming media wireless bridge with integrated MPEG4 H.264 SD encoder and streaming server	H.264 IP Camera - Ideal camera for point to multipoint types of surveillance where many cameras are required. High level of compression and quality. Compatible with all other HauteSHOT products.	H.264 Single Channel Encoder - Ideal encoder for point to multipoint types of surveillance where many cameras are required. High level of compression and quality. Compatible with all other HauteSHOT products.	H.264 4 Channel Low Cost Encoder - Ideal encoder for point to multipoint types of surveillance where many cameras are required. High level of compression and quality. Compatible with all other HauteSHOT products. Supports up to 4 channels of CIF or QCIF resolution video	H.264 4 Channel Encoder - Ideal encoder for point to multipoint types of surveillance where many cameras are required. High level of compression and quality. Compatible with all other HauteSHOT products. With two analog streams the system can encode at 4CIF (704x576) at 25fps. With four analog streams present, the system can encode one channel at 4CIF and the other three at CIF (352x288) at 25fps. All streams use H.264 for bandwidth optimization.	H.264 4 Channel Decoder. What makes the HR-VD264 unique is that it can display up to four streams simultaneously as one single tiled image on a monitor. Streams can be displayed at up to a full 704x480 (4CIF) at 30fps.	H.264 4/8 Channel Decoder Display Card. Hardware accelerator card allows PC server to decode and display H.264 streams. Single server can support up to 64 channels per system of real time decoding. Build a network video recorder or video management system using this card.
Throughput	65 Mbps TCP/IP						
Applications	**High Performance** P2P Streaming Media Bridge for SD video or high capacity voice over IP. Includes integrated MPEG4 H.264 SD D1 video encoder, Vogg Orbis stereo audio encoder, and streaming engine. Can be used with external encoder as well. Use with HR-IXPSXP or HR-IXPDX as base station.	What makes the HR-IPCAM unique is that it can send two streams simultaneously. One stream can be run at full 704x480 (4CIF) at 30fps with a nominal bit rate of approximately 2-4Mbps, while the sub stream can be run at 352x240 (CIF) at 8 fps with a nominal bit rate of less than 256kbps, suitable for transmission over low bit rate links like satellite or cellular data networks.	What makes the HR-VE264 unique is that it can send two streams simultaneously. One stream can be run at full 704x480 (4CIF) at 30fps with a nominal bit rate of approximately 2-4Mbps, while the sub stream can be run at 352x240 (CIF) at 8 fps with a nominal bit rate of less than 256kbps, suitable for transmission over low bit rate links like satellite or cellular data networks.	The lower cost HR-VE264-4LE has similar capabilities to the HR-VE264-4, but is limited to only CIF resolution on all streams and can only support one stream per analog channel. Where cost is an issue and lower resolution is acceptable, this is a good option. No dual stream rate option.	What makes the HR-VE264-4 unique is that it can send two streams simultaneously. One stream can be run at full 704x576 (4CIF) at 25fps with a nominal bit rate of approximately 4Mbps, while the sub stream can be run at 352x288 (CIF) at 8 fps with a nominal bit rate of less than 256kbps, suitable for transmission over low bit rate links like satellite or cellular data networks.	Hardware H.264 decoder to receive up to 4 H.264 streams from any other HauteSHOT device and play out on composite NTSC or PAL monitor.	Video decoding of H.264 streams from any of the HauteSHOT video encoder products.
Enclosure Options	Lightweight black extruded aluminum enclosure. Small enough for camera back or vechile mounting. Can be belt worn too.	White PVC case	Black metal case	Grey Plastic	Grey Plastic	Black Plastic	na
Wireless Interfaces	1	na	na	na	na	na	na
Frequencies Supported	- 5GHz (802.11a)	na	na	na	na	na	na
Channel Width	20,40MHz	na	na	na	na	na	na
Modulation	OFDM	na	na	na	na	na	na
Wireless Protocols Supported	802.11a,d,e,f,h,i	na	na	na	na	na	na
Transmit Gain	- 5.1-6.1GHz 400mW (26dBm)	na	na	na	na	na	na
Receive Sensitivity	- 5.1-6.1GHz -94dBm	na	na	na	na	na	na
Processor	Intel Xscale IXP 420 multicore network processor	na	na	na	na	na	na
Memory	64MB SDRAM	na	na	na	na	na	na
Storage	High Performance, secure, on-board StrataFlash	na	na	na	na	na	na
Operating System	HauteRouteOS - Embedded OS optimized for wireless networking. Highly customizable.	na	na	na	na	na	na
Other	DVD-quality video (30fps@720x480-NTSC, 25fps 720x576-PAL) using MPEG4 H.264 encoding Broad range stereo audio (32/44.1/48 KHz, 16bit stereo) using Vogg Orbis layer II standard encoding BNC composite video inputs, BNC audio input, Out of band push to talk. RS-232 serial over IP. RS-485 over IP. Includes client software for viewing. Can be used with Windows Media Player or ActiveX control.	Embedded Linux OS Texas Instruments (TI) DaVinci Hardware Compression 1 channel H.264 video compression 4CIF real time SD Slot for "in camera" recording 1 channel audio compression 1 BNC Output Selectable 4CIF/DCIF/2CIF/CIF/QCIF real time compression Dual compression stream Motion detection Variable bit rate and variable frame rate TCP, UTP, RTP, Multicast, DHCP, PPPoE and HTTP, etc Internet Explorer Active X control for network previewing Watermarking PTZ control Sensor alarm input and relay output Motion, sensor and other events can be sent to remote host center Supports Voice over IP function	Embedded Linux OS Texas Instruments (TI) DaVinci Hardware Compression 1 channel H.264 video compression 4CIF real time SD Slot for "in camera" recording 1 channel audio compression 1 BNC Output Selectable 4CIF/DCIF/2CIF/CIF/QCIF real time compression Dual compression stream Motion detection Variable bit rate and variable frame rate TCP, UTP, RTP, Multicast, DHCP, PPPoE and HTTP, etc Internet Explorer Active X control for network previewing Watermarking PTZ control Sensor alarm input and relay output Motion, sensor and other events can be sent to remote host center Supports Voice over IP function	Embedded Linux OS Texas Instruments (TI) DaVinci Hardware Compression HR-VE264-4LE supports CIF/QCIF real time compression SD Slot for "in camera" recording 1 channel audio compression 1 BNC Output Selectable CIF/QCIF real time compression Dual compression stream Motion detection Variable bit rate and variable frame rate TCP, UTP, RTP, Multicast, DHCP, PPPoE and HTTP, etc Internet Explorer Active X control for network previewing Watermarking PTZ control Sensor alarm input and relay output Motion, sensor and other events can be sent to remote host center Supports Voice over IP function	Embedded Linux OS Texas Instruments (TI) DaVinci Hardware Compression 1 channel H.264 video compression 4CIF real time SD Slot for "in camera" recording 1 channel audio compression 1 BNC Output Selectable 4CIF/DCIF/2CIF/CIF/QCIF real time compression Dual compression stream Motion detection Variable bit rate and variable frame rate TCP, UTP, RTP, Multicast, DHCP, PPPoE and HTTP, etc Internet Explorer Active X control for network previewing Watermarking PTZ control Sensor alarm input and relay output Motion, sensor and other events can be sent to remote host center Supports Voice over IP function	TI Davinci hardware compression. 4 channel H.264 video decode Support for 4CIF/DCIF/2CIF/CIF/QCIF real time decompression. Support for 4 stream tiled decompression and display Support for TCP, UTP, RTP, Multicast, DHCP, PPPoE and HTTP, etc. Support for PTZ control. Support for sensor alarm input and relay output. Support for network voice talk function.	Real-time H.264 (MPEG-4/Part 10) decoding: 8 channels QCIF/CIF/2CIF, or 6 channels DCIF, or 42 channels 4CIF 4 channels video and 4 channels audio analog outputs Supports decoding streams from local files or from network Supports PAL or NTSC video output Supports screen partitions, with maximum 16 screens, for each video output Supports picture-in-picture video output Complies with PCI 2.2 standard Supports Windows 2000/2003/XP and Linux OS Up to 8 boards and 64 channels per system Video output: 4 channels (PAL/NTSC) Audio output: 4 channels Video resolution: 4CIF 704x576 (PAL) / 704x480 (NTSC), DCIF 528x384 (PAL) / 528x320 (NTSC) 2CIF 704x288 (PAL) / 704x240 (NTSC), CIF 352x288 (PAL) / 352x240 (NTSC) QCIF 176x144 (PAL) / 176x120 (NTSC) Frame rate: 100F/S (PAL) / 120F/S (NTSC) in 4CIF 150F/S (PAL) / 180 F/S (NTSC) IN DCIF 200F/S (PAL) / 240F/S (NTSC) in 2CIF/CIF/QCIF Video bit rate: 32kbps-1000kbps (CIF), 70kbps-4000kbps (4CIF) Power consumption: <10W Working temperature: -10° C to 50° C (14° F
Availability	2 weeks ARO	must be ordered in quantities of 50 or more	must be ordered in quantities of 50 or more	must be ordered in quantities of 50 or more	must be ordered in quantities of 50 or more	must be ordered in quantities of 50 or more	Call
Warranty	1 year Parts and Labor	1 year Parts and Labor	1 year Parts and Labor	1 year Parts and Labor	1 year Parts and Labor	1 year Parts and Labor	1 year Parts and Labor
Antenna Options	Call	na	na	na	na	na	na
MSRP	CALL	CALL	CALL	CALL	CALL	CALL	CALL

Antennas not included

HAUTESPOT™ Networks

Wireless Broadband Solutions

	HR-IXPWINDi
	
Description	Wireless indoor weather station for long range applications
Throughput	30 Mbps TCP/IP
Applications	**Wireless Weather Station** Appliance Compatible with Davis Instruments or 1-Wire sensors and WeatherUnderground, WeatherBug, HAMWeather or CWOP services. 802.11b/g device
Enclosure Options	Black aluminum
Wireless Interfaces	1
Frequencies Supported	802.11b/g only
Channel Width	20 or 40MHz
Modulation	
Wireless Protocols Supported	802.11b/g only
Transmit Gain	2.3-2.5GHz 200mW (23dBm)
Receive Sensitivity	2.3-2.5GHz -96dBm
Processor	Intel Xscale IXP 420
Memory	64MB SDRAM
Storage	High Performance, secure, on-board StrataFlash
Operating System	HauteRouteOS - Embedded OS optimized for wireless networking. Highly customizable.
Other	Designed to connect to weather sensors from a variety of manufacturers and forward the data to Internet services.
Availability	4 weeks ARO
Warranty	1 year Parts and Labor
Antenna Options	Includes 2dBi gain rubber duck
MSRP	CALL

Weather sensor must be ordered separately