

	Name	Description	DP ex VAT/PHP	SRP ex VAT/PHP
	DIGITAG LeapX Wireless Bridge 1MAIN 3 SUB	https://www.ebuyph.com/products/leapx-wireless-bridge	29900	35000
	DIGITAG LeapX Wireless Bridge 1MAIN 7 SUB		59800	69800



LeapX

Redefine Wireless

A breakthrough solution for diverse video surveillance scenarios

LeapX, built upon a custom communications SoC with proprietary protocol stack LeapLink®, is a highly intelligent and versatile broadband wireless mesh network solution. Safely protected in full-metal IPX6 waterproof cases, LeapX devices provide pass-through wireless transmission and are compatible with various off-the-shelf IP camera brands and models. LeapX wireless mesh network can be deployed as a standalone system or in sync with existing 4G/5G or fiber-optic cable networks, significantly reducing system cost, simplifying project process and removing surveillance blind spots.

Easy & Flexible

Easily adjust or expand video surveillance camera locale by moving or adding LeapX devices



High Security

Embedded with a chip-level data encryption module, LeapX transmits client data in an ultra-high security environment



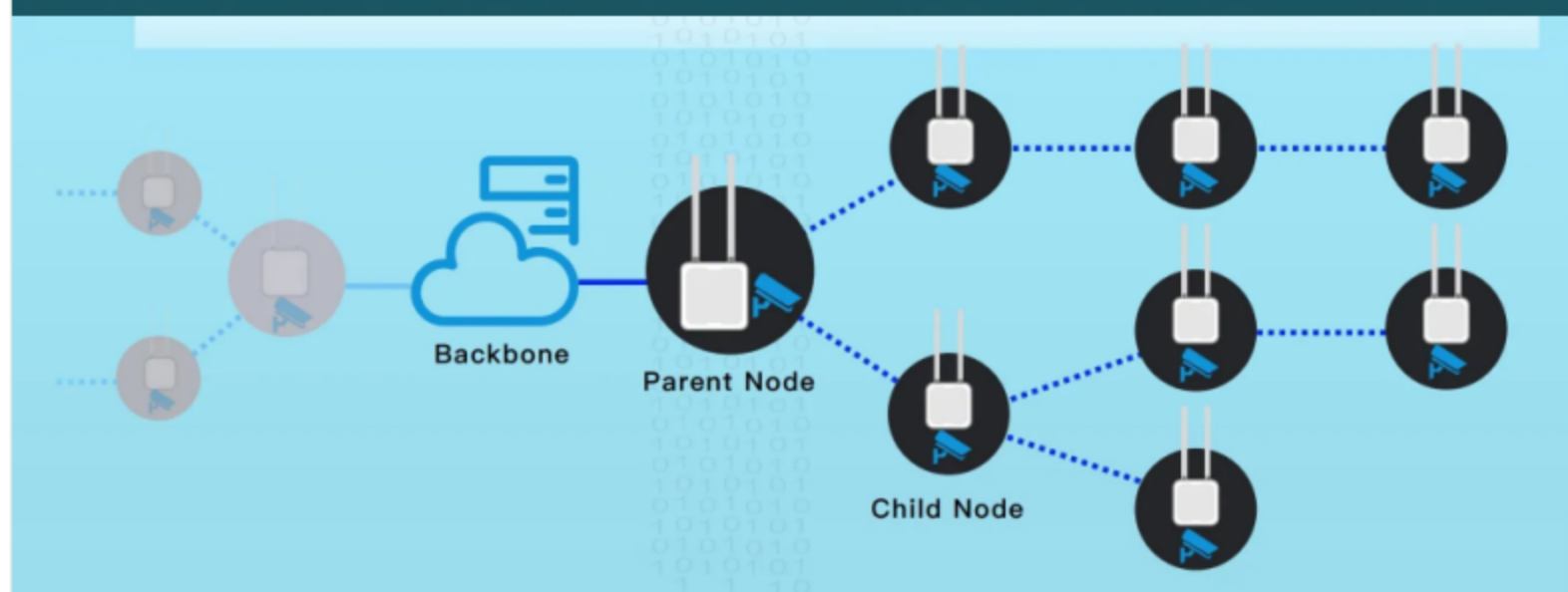
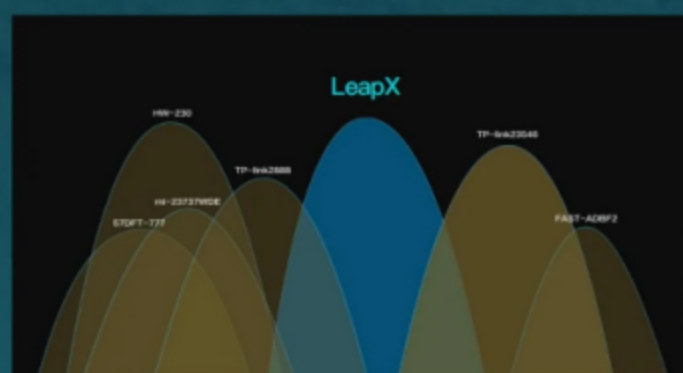
Reliable & Robust

Supported by a high-robustness wireless ad-hoc network architecture, LeapX devices can maintain overall communications networking quality when individual devices stop functioning.



Superior Anti-interference

Designed with continuous signal detection and fast channel-switching mechanism, LeapX can respond to signal interference by switching to a new operating frequency channel in merely a few hundred of milliseconds.



Up to 8 LeapX devices, including 1 parent node and up to 7 child nodes, work as a single network with total bandwidth of 40Mbps and support up to 8 surveillance video tracks. With its low-latency multi-hop relay capability, LeapX can automatically and adaptively form wireless mesh topology, fulfilling networking tasks in various complex environments.

Communications Parameters

Radio Frequency	2.4GHz/5GHz dual bands
Transmit Power	20dBm@2.4G, 26dBm@5G
Maxim AP Nodes	up to 8 nodes (including 1 parent node) per single network
Total System Bandwidth	40Mbps per single network
Transmit Distance	Kilometers (reference data: 2.5km point to point, line of sight)
Antenna Layout	2T2R, dual-band high-gain fiberglass antenna * 2

Environment Parameters

Working Temperature	-40°C~+80°C
Storage Temperature	-40°C~+85°C
Working Humidity	5%~95% (non-condensing)

Hardware & Interfaces

Power Supply	DC 9~24V / PoE power reception (for Parent Node)
PoE Specifications	PoE OUT complies with IEEE802.3af standard POE power supply PoE IN complies with IEEE802.3at standard POE power reception
Peak Power	8W
LED Indicator	1
Network Interface	RJ45 10M/100M self-adaptive Ethernet port *2
Power Interface	2.5mm DC standard power connector *1
Body Material	aluminum alloy
Waterproof Grade	IPX6
Dimensions	100*100*27mm
Weight	400 grams