



# Luminen 5 / 8 / 10 / 15

## Three-in-One Luxury Smart Control Touch Screen | Gateway | Server

Introducing Luminen, an elegantly designed smart control with meticulously crafted premium materials to match your decor and enhance your lifestyle experience.

### Three-in-one

The robust smart control integrates a touch screen, gateway and server, minimizing space while improving efficiency.

### QDK

Quick Development Kit supports faster app development.

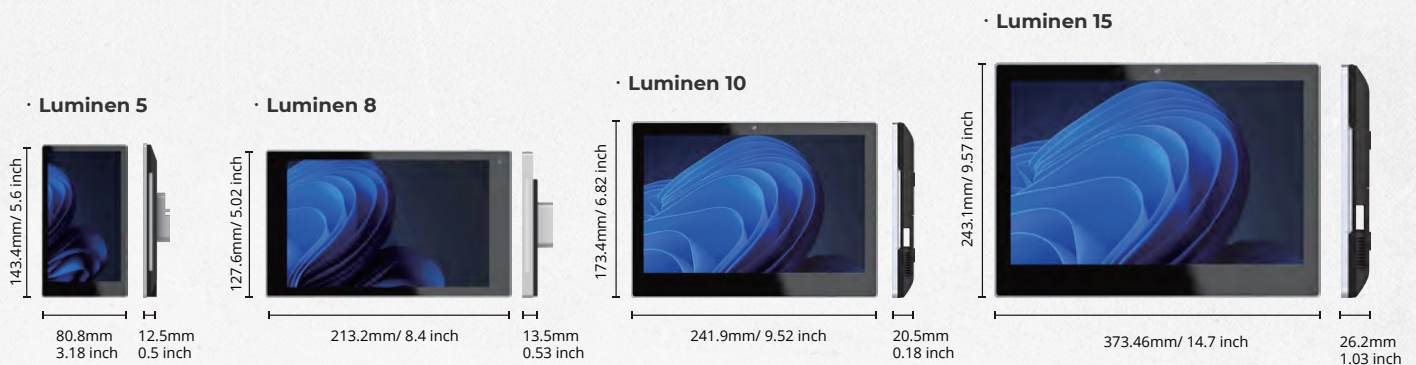
### Fortify+

Enhanced security and privacy.



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Three-in-One Luxury Smart Control



	Luminen 5	Luminen 8	Luminen 10	Luminen 15	
<b>Features</b>	<b>OS</b>	Android 11	Android 11	Android 11	
	<b>Touch</b>	Yes, Multi touch	Yes, Multi touch	Yes, Multi touch	
	<b>NFC</b>	N/A	NFC (13.56MHz)	NFC (13.56MHz)	NFC (13.56MHz)
	<b>Memory</b>	4GB LPDDR4	4GB LPDDR4	4GB LPDDR4	4GB LPDDR4
	<b>Storage</b>	32GB eMMC	32GB eMMC	32GB eMMC	32GB eMMC
	<b>Video decoder</b>	H.264 / H.265,VC-1, MPEG-4, VP9/VP8	H.264 / H.265,VC-1, MPEG-4, VP9/VP8	H.264 / H.265,VC-1, MPEG-4, VP9/VP8	H.264 / H.265,VC-1, MPEG-4, VP9/VP8
	<b>Image codecs</b>	JPEG/BMP/GIF/PNG	JPEG/BMP/GIF/PNG	JPEG/BMP/GIF/PNG	JPEG/BMP/GIF/PNG
	<b>Audio codecs</b>	MPEG/OGG/AAC	MPEG/OGG/AAC	MPEG/OGG/AAC	MPEG/OGG/AAC
	<b>CPU</b>	ARM Quad-core Cortex-A53 up to 1.8GHz (64 bit)	ARM Quad-core Cortex-A53 up to 1.8GHz (64 bit)	ARM Quad-core Cortex-A53 up to 1.8GHz (64 bit)	ARM Quad-core Cortex-A53 up to 1.8GHz (64 bit)
	<b>NPU</b>	Neural Processing Unit (NPU) 2.3TOPS	Neural Processing Unit(NPU) 2.3TOPS	Neural Processing Unit(NPU)2.3TOPS	Neural Processing Unit(NPU)2.3TOPS
	<b>PoE</b>	PoE, 802.3af compliant	PoE, 802.3af compliant	PoE, 802.3af/at compliant	PoE, 802.3at compliant
	<b>Beacon (BLE)</b>	Yes	Yes	Yes	Yes
	<b>Microphone</b>	Dual microphones	Dual microphones	Dual microphones	Dual microphones
<b>Sensor</b>	Ambient light sensor, Proximity sensor	Ambient light sensor, Proximity sensor	Ambient light sensor, Proximity sensor	Ambient light sensor, Proximity sensor	
<b>Display</b>	<b>Size</b>	5.5" (IPS)	8" (IPS)	10.1" (IPS)	
	<b>Resolution</b>	720*1280 (portrait mode)	1280*800	1920*1200	
	<b>Brightness</b>	0-300 nits	0-300 nits	0-300 nits	0-300 nits
<b>I/O Interface</b>	<b>Ethernet</b>	1 x RJ45 (10M/100M/1000M), Gigabit Ethernet with Time Sensitive Networking (TSN)	1 x RJ45 (10M/100M/1000M), Gigabit Ethernet with Time Sensitive Networking (TSN)	1 x RJ45 (10M/100M/1000M), Gigabit Ethernet with Time Sensitive Networking (TSN)	
	<b>WLAN</b>	802.11 a/b/g/n/ac/ax	802.11 a/b/g/n/ac/ax	802.11 a/b/g/n/ac/ax	802.11 a/b/g/n/ac/ax
	<b>BT</b>	BT 5.0	BT 5.0	BT 5.0	BT 5.0
	<b>USB</b>	1x USB Micro AB, USB OTG	1x USB Micro AB, USB OTG	1x USB 2.0 A, USB Type-C for adb	2x USB 2.0 A, USB Type-C for adb
	<b>Speaker</b>	1Wx1	1Wx2	1Wx2	1Wx2
	<b>Camera</b>	N/A	1x 5MP Fixed focus	1x 5MP Fixed focus	1x 5MP Fixed focus
<b>Control Interface</b>	<b>KNX</b>	KNX Bus, 2 wire	KNX Bus, 2 wire	KNX Bus, 2 wire	
	<b>Serial port</b>	CAN Bus, RS485	CAN Bus, RS485	CAN Bus, RS485	
<b>Mechanical &amp; Environment</b>	<b>Dimension (WxHxD) (Full depth)</b>	80.8 x 143.4 x 12.5(24.8) mm 3.18 x 5.65 x 0.5(1.05) inch	213.2 x 127.6 x 13.5(27.5) mm 8.4 x 5.02 x 0.53(1.08) inch	241.9 x 173.4 x 20.8 mm 9.52 x 6.82 x 0.81 inch	
	<b>Mounting</b>	One-gang mount	One-gang mount, Tabletop	One-gang, Tabletop, Surface & glass mount	
	<b>Housing</b>	Plastic & Aluminum Alloy	Plastic & Aluminum Alloy	Plastic & Aluminum Alloy	
	<b>Environment</b>	Operating Temp. 0~40°C 32-104 °F	Operating Temp. 0~40°C 32-104 °F	Operating Temp. 0~40°C 32-104 °F	