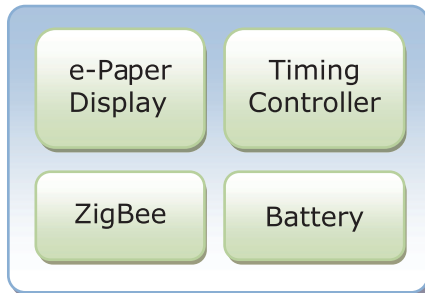
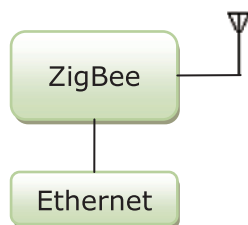


ECO-Sign Technical Information



ECO-Sign Device

ECO-Sign is the terminal device to receive ZigBee RF wireless signal and show content on the display. It's powered by rechargeable battery.



ZigBee Coordinator

Coordinator is a beginning of ZigBee network tree and is capable to transfer data from Ethernet to ZigBee signal which is addressable by internet/ intranet IP.



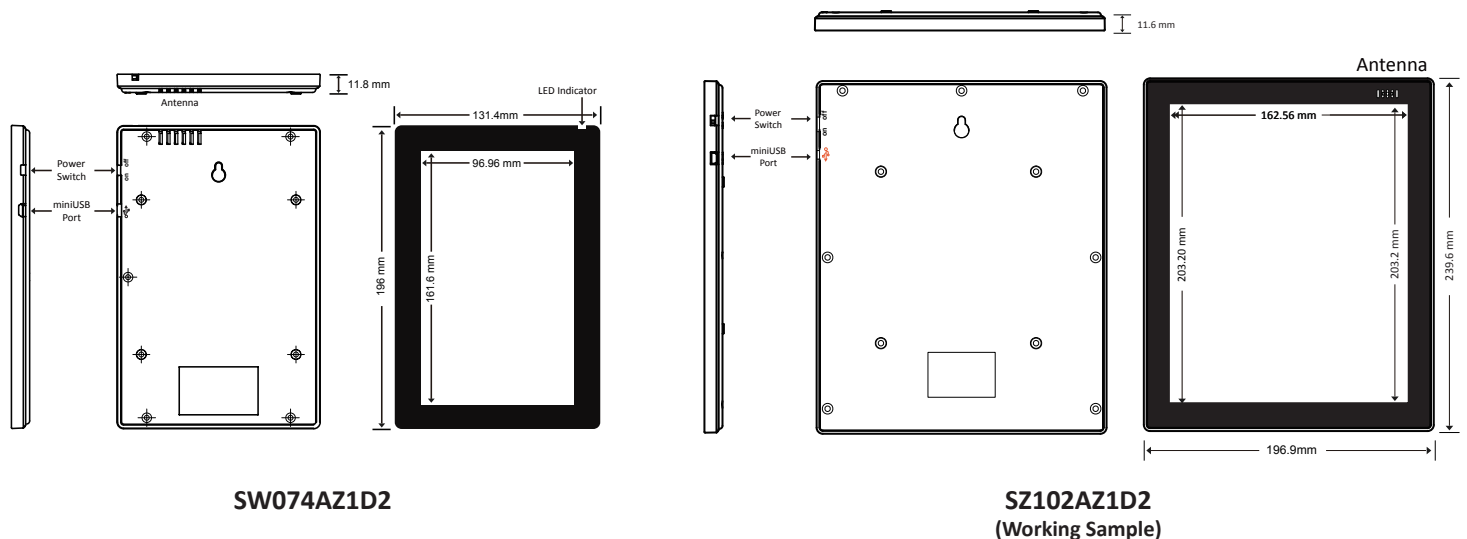
ZigBee Router

The ZigBee router acts as repeater to enhance the ZigBee signal and transmitting distance. It runs as daisy-chain model..

www.PervasiveDisplays.com

Specifications for ECO-Sign Device

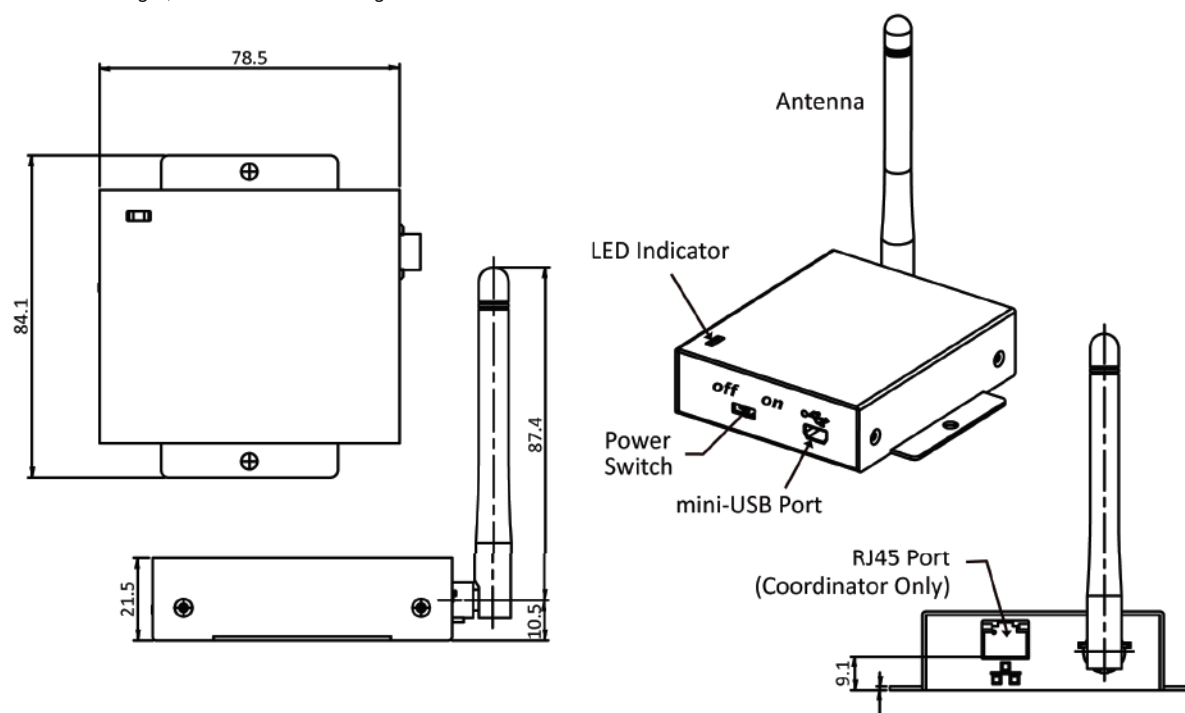
	7.4"	10.2"
Model Name	SW074AZ1D2	SZ102AZ1D2(Working Sample)
Display/EPD Panel		
Resolution	480 x 800	1024 x 1280
Active Area	96.96 x 161.6	162.56 x 203.2
Pixel Pitch	0.202 x 0.202 (126dpi)	0.15875 x 0.15875 (160dpi)
Contrast Ratio	10+	
Display Colors	Black/White	
ZigBee		
Frequency	2.4GHz IEEE 802.15.4	
RF Communication Range*	NLOS<20M , LOS<50M	
Programmable Output Power	Up to 4 dBm	
Topology	Star/Mesh	
Mechanical		
Dimensions(WxHxD)	131.3 x 196 x 11.8	196.9 x 239.6 x 11.6
Weight	250g (with Battery 46.5g)	TBD
Electrical		
Power Supply	mini-USB Power Adapter	
Battery		
Type	Lithium Polymer	
Capacity	2,200mAh	
Environmental		
Storage Temperature	-20~60 ⁰ C	
Operating Ambient Temperature	5~40 ⁰ C	



Specifications for Coordinator & Router

	Coordinator	Router
Model Name	S0000AZ0C3	S0000AZ0R3
Ethernet		
Physical	10BASE-T/100BASE-TX	-
IP configuration	Static IP address or DHCP	-
Web configuration	Support	-
ZigBee		
Frequency	2.4GHz IEEE 802.15.4	
RF Communication Range*	NLOS<50M , LOS<100M	
Programmable Output Power	Up to 20dBm	
Topology	Star/Mesh	
Mechanical		
Dimensions(WxHxD)	84.1mm x 78.4mm x 21.5mm	
Weight	85g	
Electrical		
Power Supply	mini-USB Power Adapter	
Environmental		
Storage Temperature	-20~60 ^o C	
Operating Ambient Temperature	0~50 ^o C	

*LOS=Line of sight; NLOS=Non-line of sight



Options

Wall-Mounting Kit (Aluminium)

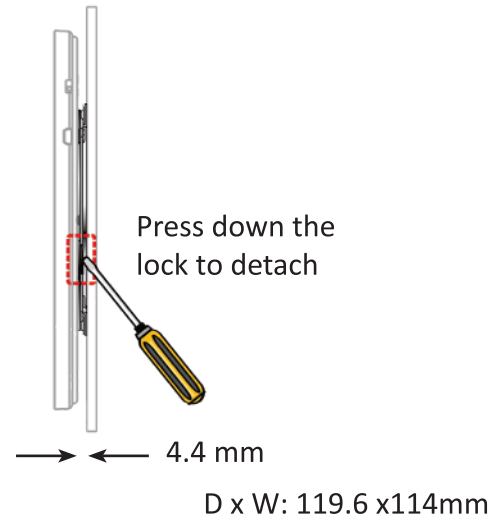
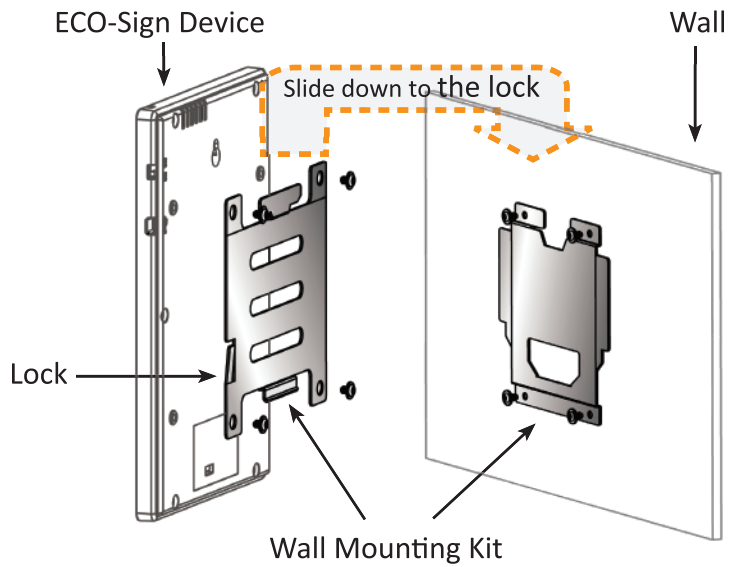
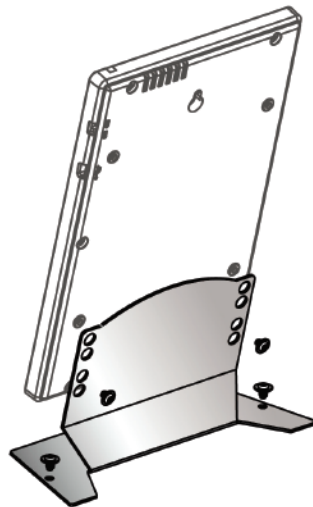


Table Stand (Aluminium)



D x W: x H: 158.84 x 64 x 89.25mm

Mini-USB Power Adaptor

