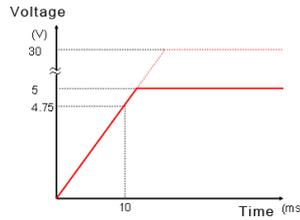
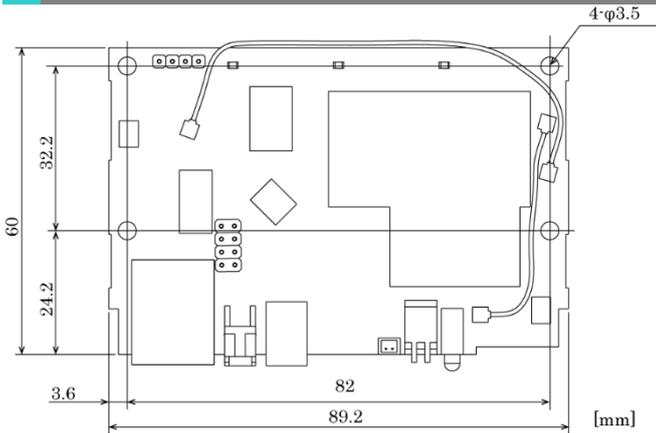
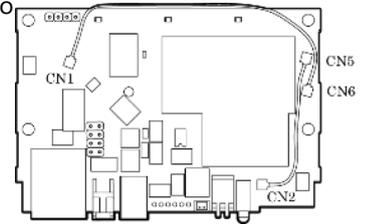


External Dimensions



Connecting the external antenna

This product uses a MIMO antenna system, which allows two antennas to be used simultaneously. When connecting the external antennas, connect two antennas.



Remove the white harnesses from connectors 1 and 6 and from connectors 2 and 5.

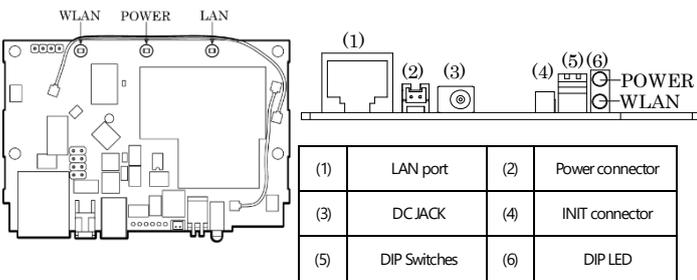
Connect an FX-ANT-CEX2 or FX-ANT-CEX3 conversion cable to connectors 5 and 6, and connect an optional CONTEC antenna to the end of each conversion cable.

Recommended removal tool: U.FL-LP-N-2 (HRS)

List of Option

- FX-AC053 AC Adapter
- FX-ANT-CEX2 SMA Coaxial conversion Cable (0.12m)
- FX-ANT-CEX3 SMA conversion Cable (0.2m)
- FX-ANT-C05 Extension Cable (0.5m)
- FX-ANT-C12 Coaxial Cable (12m)
- FX-ANT-C25H Coaxial Cable (25m)
- FX-ANT-A8 5GHz/2.4GHz Board mounting Antenna

Component Name



(1)	LAN port	(2)	Power connector
(3)	DC JACK	(4)	INIT connector
(5)	DIP Switches	(6)	DIP LED

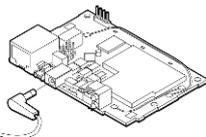
Power Supply

Using the DC JACK

The power plug to be used must conform to EIAJ voltage classification 2.

CAUTION

When supplying power via the LAN connector, do not use a combination of power supplied from the power connector and the AC adapter.
When supplying power, only use a single power supply method.



Using the Power connector

The power connector in Figure 1 can be used to supply power from an external source. Use the following power cable or its equivalent.

Power connector			
Housing: JST S02B-PASK-2(LF)(SN) Cable: AWG28-16(equivalent to it)			
Pin No.	Name	Operation / Function	
1	Vi+	5-30VDC±5%	1 pin
2	Vi-	GND	

CAUTION

When supplying power from the power connector, do not use a combination of power supplied via the LAN connector and the AC adapter.

When supplying the LAN cable power

CAUTION

- Create the power cable correctly as specified. Using the power cable with the housing pins assigned wrong numbers may result in device faults or accidents.
- The input voltage range of this product is from 5 to 24VDC ±5%. Supply power outside that range may result in device faults or accidents.
- Use the power supply whose supply voltage rises to at least 4.75VDC within the input voltage range within 10ms. Using a power supply which does not satisfy this condition may result in device faults or accidents.
- Input voltage range: 5 to 30VDC ± 5%. Use a power supply that rises to 4.75VDC or higher in the input voltage range within 10ms. There is a risk of damage to the device or accident if a power supply outside this range is used.

Differences from FXE2000 Series

FXE3000 Series, the higher-grade model of the conventional FXE2000 Series, has the main differences as follows:

	FXE3000 Series	FXE2000 Series
External dimension (mm)	60.0(W) x 89.2(D) x 17.5(H)	87.0(W) x 89.2(D) x 17.5(H)
Rating input current	0.83A (5VDC input), 0.15A (30VDC input) (Max.), 0.18A (PoE input 24V)	1.05A (5VDC input), 0.19A (30VDC input) (Max.), 0.24A (PoE input 24V)

FXE3000 Series in use channel

FXE3000 number of channels that can be used in the Series are as follows.

		Access point / Repeater	Station
FXE3000-US	11b/g/n (2.4G)	1ch, 2ch, 3ch, 4ch, 5ch, 6ch, 7ch, 8ch, 9ch, 10ch, 11ch	1ch, 2ch, 3ch, 4ch, 5ch, 6ch, 7ch, 8ch, 9ch, 10ch, 11ch
	11a/n (5G)	36ch, 40ch, 44ch, 48ch, 149ch, 153ch, 157ch, 161ch, 165ch	36ch, 40ch, 44ch, 48ch, 52ch, 56ch, 60ch, 64ch, 100ch, 104ch, 108ch, 112ch, 116ch, 132ch, 136ch, 140ch, 149ch, 153ch, 157ch, 161ch, 165ch
FXE3000-EU	11b/g/n (2.4G)	1ch, 2ch, 3ch, 4ch, 5ch, 6ch, 7ch, 8ch, 9ch, 10ch, 11ch, 12ch, 13ch	1ch, 2ch, 3ch, 4ch, 5ch, 6ch, 7ch, 8ch, 9ch, 10ch, 11ch, 12ch, 13ch
	11a/n (5G)	36ch, 40ch, 44ch, 48ch, 52ch, 56ch, 60ch, 64ch, 100ch, 104ch, 108ch, 112ch, 116ch, 120ch, 124ch, 128ch, 132ch, 136ch, 140ch	36ch, 40ch, 44ch, 48ch, 52ch, 56ch, 60ch, 64ch, 100ch, 104ch, 108ch, 112ch, 116ch, 120ch, 124ch, 128ch, 132ch, 136ch, 140ch
FXE3000-TW	11b/g/n (2.4G)	1ch, 2ch, 3ch, 4ch, 5ch, 6ch, 7ch, 8ch, 9ch, 10ch, 11ch	1ch, 2ch, 3ch, 4ch, 5ch, 6ch, 7ch, 8ch, 9ch, 10ch, 11ch
	11a/n (5G)	56ch, 60ch, 64ch, 100ch, 104ch, 108ch, 112ch, 116ch, 132ch, 136ch, 140ch, 149ch, 153ch, 157ch, 161ch, 165ch	56ch, 60ch, 64ch, 100ch, 104ch, 108ch, 112ch, 116ch, 132ch, 136ch, 140ch, 149ch, 153ch, 157ch, 161ch, 165ch
FXE3000-KR	11b/g/n (2.4G)	1ch, 2ch, 3ch, 4ch, 5ch, 6ch, 7ch, 8ch, 9ch, 10ch, 11ch, 12ch, 13ch	1ch, 2ch, 3ch, 4ch, 5ch, 6ch, 7ch, 8ch, 9ch, 10ch, 11ch, 12ch, 13ch
	11a/n (5G)	36ch, 40ch, 44ch, 48ch, 52ch, 56ch, 60ch, 64ch, 100ch, 104ch, 108ch, 112ch, 116ch, 120ch, 124ch, 149ch, 153ch, 157ch, 161ch	36ch, 40ch, 44ch, 48ch, 52ch, 56ch, 60ch, 64ch, 100ch, 104ch, 108ch, 112ch, 116ch, 120ch, 124ch, 149ch, 153ch, 157ch, 161ch