# How to use

## Install

```
npm install capacitor-plugin-epson-epos
npx cap sync
```

## Port Discovery

```
import {
  EpsonEpos,
  DiscoveryOptions
} from "capacitor-plugin-epson-epos";

  async startDiscovery() {

    const options: DiscoveryOptions = {
        portType:  'TCP', // optional. or 'USB', 'BLUETOOTH',
        timeout: 10000,  // optional. a little bit longer when use 'TCP'
or 'ALL'
        broadcast:  "255.255.255.255"  // optional.
    }

    try {
      const result = await EpsonEpos.startDiscovery(options);

      console.log("Discovered printers:", result.printers);

    } catch (error) {
      console.error("Discovery error:", error);
      await loader.dismiss();
    }
  }
```

## Print Text

```
import {
  EpsonEpos,
  PrintOptions
} from "capacitor-plugin-epson-epos";

  async startDiscovery() {
    const options: PrintOptions = {
      target: "TCP:DeviceMacAddress", // eg: tcp:11:xx:aa:00:nf
      instructions: [
```

```
      {
        addFeedLine: 3,
      },
      {
        addTextAlign: "center",
      },
      {
        addText: {
          value: `THE STORE 123 (555) 555 – 5555\n`,
        },
      },
      {
        addText: {
          value: [
            "7/01/07 16:58 6153 05 0191 134",
            "ST# 21 OP# 001 TE# 01 TR# 747",
            "400 OHEIDA 3PK SPRINGF  9.99 R",
          ],
          align: "left",
        },
      },
      {
        addText: {
          value: `Hello World\n`,
          align: "center",
          style: {
            em: true,
            ul: true,
          },
          size: [2, 2],
        },
      },
      {
        addFeedLine: 3,
      },

      {
        addCut: "cut_feed",
      },
    ],
    modelCode: "TM_T20",
  };
  try {
    const result = await EpsonEpos.print(options);
    console.log(result);
  } catch (error) {
    console.log(error);
  }
```

## Print Image

```
import {
  EpsonEpos,
  PrintOptions
} from "capacitor-plugin-epson-epos";

  async print() {
    const options: PrintOptions = {
      target: "TCP:DeviceMacAddress", // eg: tcp:11:xx:aa:00:nf
      instructions: [
        {
          addFeedLine: 3,
        },
        {
          addTextAlign: "center",
        },
        {
          addBase64Image: {
              value: `base64 image string...`,
              width: 376,
            }
        },
        {
          addFeedLine: 3,
        },

        {
          addCut: "cut_feed",
        },
      ],
      modelCode: "TM_T20",
    };
    try {
      const result = await EpsonEpos.print(options);
      console.log(result);
    } catch (error) {
      console.log(error);
    }
```

## Print Barcode

```
import {
  EpsonEpos,
  PrintOptions
} from "capacitor-plugin-epson-epos";

  async print() {
    const options: PrintOptions = {
      target: "TCP:DeviceMacAddress", // eg: tcp:11:xx:aa:00:nf
      instructions: [
        {
```

```
          addFeedLine: 3,
        },
        {
          addTextAlign: "center",
        },
        {
          addBarcode: {
              value: "01209457",
              type: "CODE_39",
              hri: "HRI_BELOW",
            }
        },
        {
          addFeedLine: 3,
        },

        {
          addCut: "cut_feed",
        },
      ],
      modelCode: "TM_T20",
    };
    try {
      const result = await EpsonEpos.print(options);
      console.log(result);
    } catch (error) {
      console.log(error);
    }
```

## Print QRcode

```
import {
  EpsonEpos,
  PrintOptions
} from "capacitor-plugin-epson-epos";

  async print() {
    const options: PrintOptions = {
      target: "TCP:DeviceMacAddress", // eg: tcp:11:xx:aa:00:nf
      instructions: [
        {
          addFeedLine: 3,
        },
        {
          addTextAlign: "center",
        },
        {
           addSymbol: {
              value: "https://www.tec-it.com",
              type: "QRCODE_MODEL_2",
              level: "LEVEL_Q",
```

```
            width: 8,
          }
      },
      {
        addFeedLine: 3,
      },

      {
        addCut: "cut_feed",
      },
    ],
    modelCode: "TM_T20",
  };
  try {
    const result = await EpsonEpos.print(options);
    console.log(result);
  } catch (error) {
    console.log(error);
  }
```

## Print & Open Drawer

```
import {
  EpsonEpos,
  PrintOptions
} from "capacitor-plugin-epson-epos";

  async print() {
    const options: PrintOptions = {
      target: "TCP:DeviceMacAddress", // eg: tcp:11:xx:aa:00:nf
      instructions: [
        {
          addPulse: {}
        },
      ],
      modelCode: "TM_T20",
    };
    try {
      const result = await EpsonEpos.print(options);
      console.log(result);
    } catch (error) {
      console.log(error);
    }
```