

## **M618 設定インストール手本**

ブリッジ・モーション・トゥモロー株式会社

**CONFIDENTIAL**



**FCC STATEMENT:**

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions:

- (1) This device may not cause harmful interference, and
- (2) This device must accept any interference received, including interference that may cause undesired operation.

**Warning:** Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

NOTE: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.

- Increase the separation between the equipment and receiver.

- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.

- Consult the dealer or an experienced radio/TV technician for help.

**FCC Radiation Exposure Statement:**

This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with minimum distance 20cm between the radiator & your body.

This equipment is indoor use only. Operation temperature is 0°C – 40°C.

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ブリッジ・モーション・トゥモロー株式会社 経営管理本部

BMT Co., Ltd. Business Administration Dept.

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## History Change

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date	name	contents
2014/9/22	BMT dev	First Ver
2017/1/5	Kon	Update with M618

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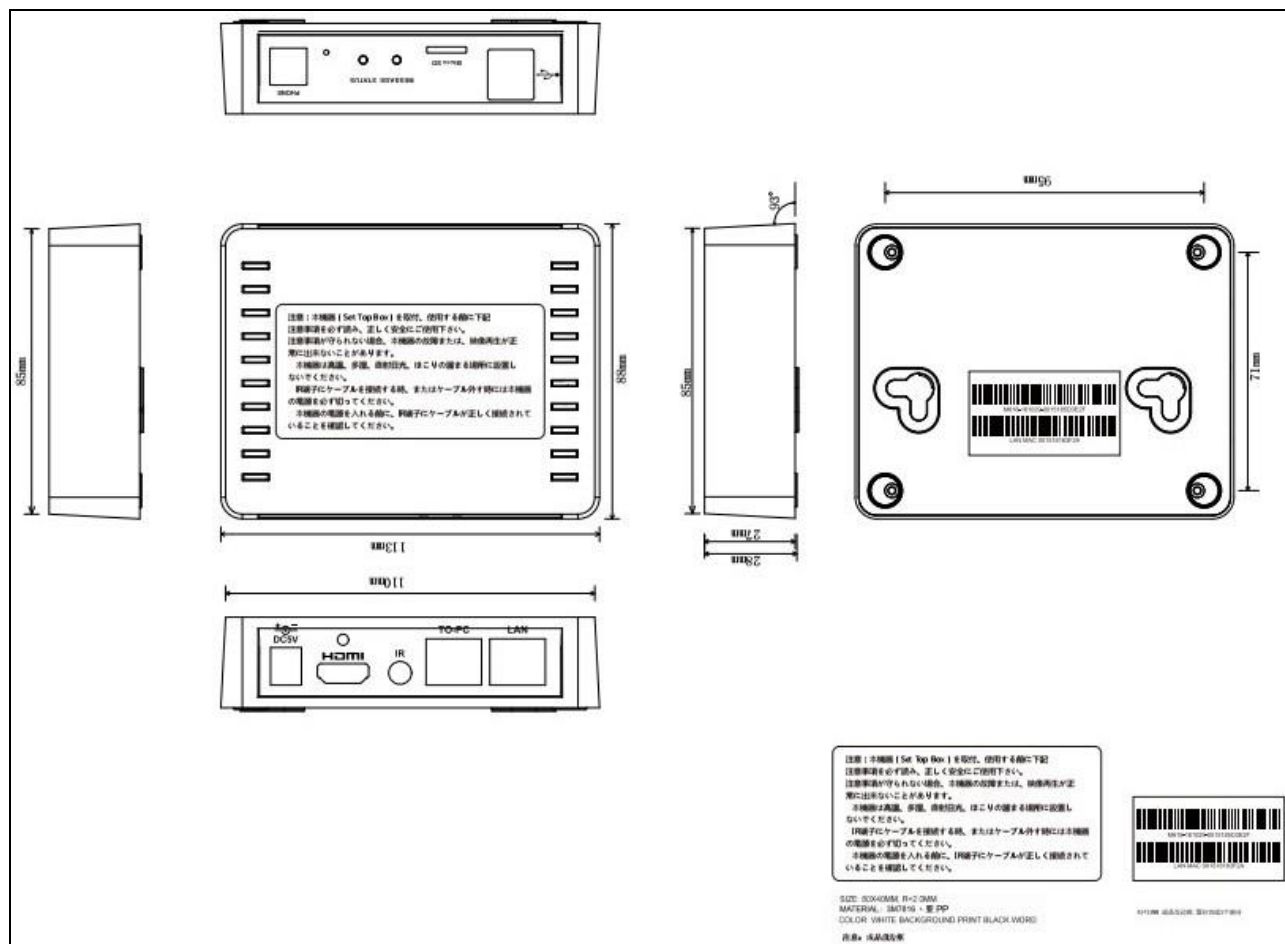
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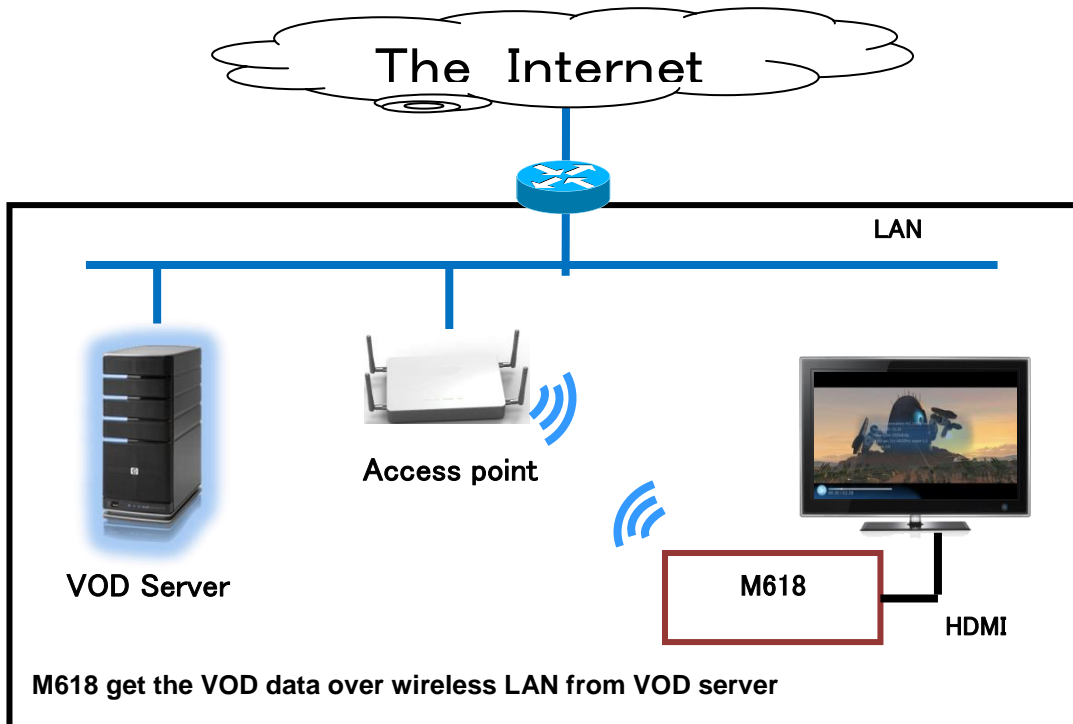
## 2 Product View & Rendering

Show below the Product View & Rendering of the M618

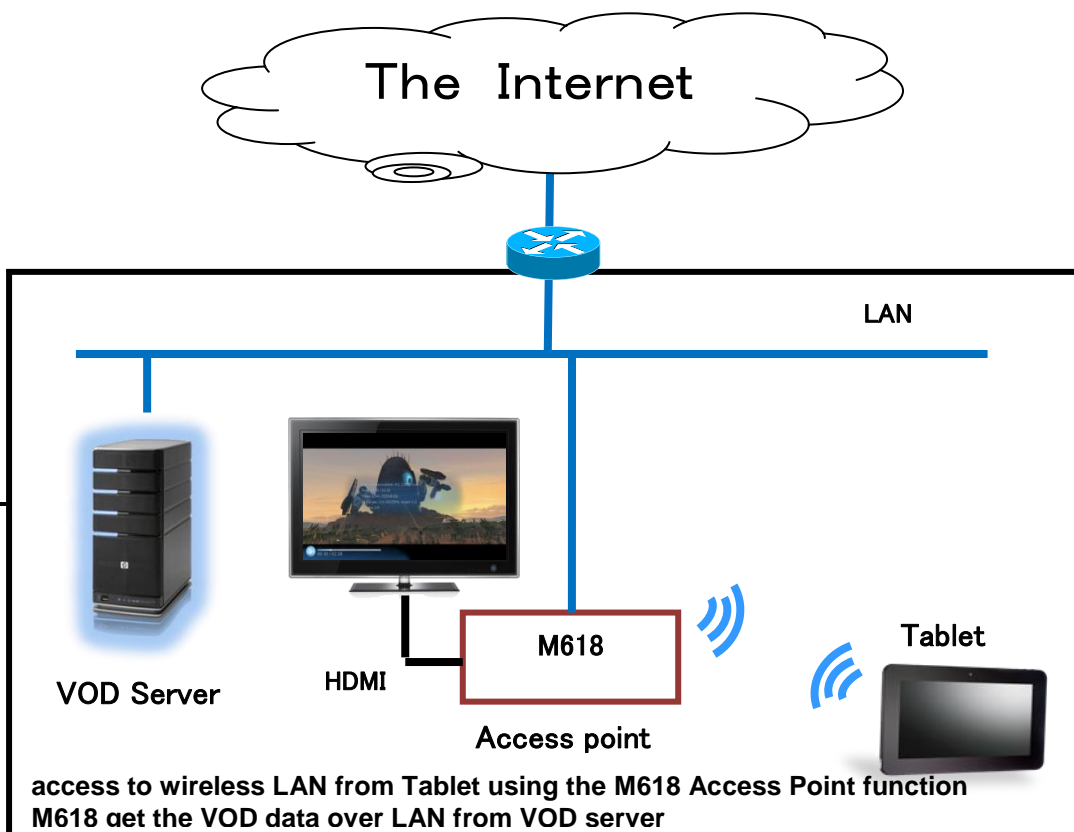


### 3 Network diagram

#### 3.1 when M618 is the case of client



#### 3.2 when M618 is the case of Access point



## 4 General Specifications)

### 4.1 APS Sequence & Setting Data)

#### 4.1.1 Message Summary

Message	Direction	Purpose
Update Settings	1001 Server → M618	Update system settings

#### 4.1.2 Update Settings

This message send a variety of system settings to M618 devices, and the devices apply the settings.)

Message Type: 1001

```
{
  "settings": {
    SETTING-NAME : SETTING-VALUE,
    ...
  }
  "requestId": "..."
  "rebootAfterFinish": "true|false"
}
```

The setting value is as following(name-value pairs). They can be omitted when appropriate. requestId is optional. If present, the M618 devices shall send an acknowledgement message (type 18) to server to report the result.

Name	Description
ipType	"dynamic" or "static". If ipType is "dynamic", the ipAddress, mask, gateway and dns settings will be ignored.
ipAddress	IP Address of the device as string. Host name is not acceptable.
mask	IP adresss mask
gateway	Gateway IP address
dns	an array of IP addresses for name server(s). E.g. "dns": ["4.4.4.4", "8.8.8.8"]
screenTrimming	a non-negative numerical value for trimming level

### 4.1.3 Pi-messenger Sequence & Setting Data

The following sessions summaries the format of messages between the BMT back end server and the M618 devices. Each of the messages is in JSON format. When sending the message with the Java client library. To send a message, the message source application need to specify the destination, message type, and message content. Destination is specified by a string. It could be a server name, or a MAC address of an Android device. Message type is an integer that identifies the meaning of message content. The message content (if any) is a UTF8 encoded String

Destination: for server, the M618 destination is specified by MAC address. The Pi-Messenger server will know where the message will be delivered by the MAC address.)

Message Type that let recipient know the type content without parsing it.)

The message content is a JSON string in UTF-8 encoding.)

Relevant part is item number 16, 17)

### 4.1.4 Message Summary

Message		Direction	Implementation Style at M618
App List Request	1	M618 → Server	Context.startService
App List Update	2	Server →M618	Unconditional broadcast
Theme Update	3	Server →M618	Targeted broadcast
App Log Report	4	M618 → Server	Context.startService
Movie Log Report	5	M618→ Server	Context.startService
Payment Result	6	M618 → Server	Context.startService
Payment Query Request	7	M618 → Server	Context.startService
Payment Query Response	8	Server →M618	Context.startService with PendingIntent
Price Update Request	9	M618 → Server	Context.startService
Price Update	10	Server →M618	Context.startService with PendingIntent
App Installation	11	Server →M618	Unconditional broadcast
App Uninstallation	12	Server →M618	Unconditional broadcast
App Termination	13	Server →M618	Unconditional broadcast
Apps Status request	14	Server →M618	Unconditional broadcast
Apps Status report	15	M618 → Server	Context.startService

Network settings request	16	Server →M618	Unconditional broadcast
Network settings report	17	M618 → Server	Context.startService
Acknowledge	18	M618 → Server	Context.startService
Screen Off Request	19	Server →M618	Unconditional broadcast
Reboot	20	Server →M618	Unconditional broadcast
Firmware Update	21	Server →M618	Unconditional broadcast
App List Report	22	Server →M618	Unconditional broadcast
Launch Launcher	23	Server →M618	Unconditional broadcast
ADT Alert	24	Server →M618	Unconditional broadcast
Clear Personal Information	25	Server →M618	Unconditional broadcast
Config Update	26	Server →M618	Unconditional broadcast
Theme Update Message	27	M618 → Server	Context.startService
Screen Light Control	28	Server →M618	Unconditional broadcast
Screen On Request	29	Server →M618	Unconditional broadcast

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