

# QHI-BM12 BMT VIDEO INTERFACE MANUAL

Update : 2017.06.20

## LVDS cable connection

**1** Pull out the connected original LVDS cable from the backside of monitor.

**2** Connect the provided LVDS cable to LVDS OUT connector and connect the original LVDS cable to LVDS IN connector from the interface.

**3** Connect the opposite side of the provided LVDS cable to the connector from the backside of monitor.

## POWER cable connection

**1** Pull out the bunch of cables from the backside of command as picture above and disconnect the market optical fiber cable.

**2** Connect the provided optical fiber cable to the power cable.

**3** Connect the provided power cable to the backside of monitor.

**4** Connect the bunch of original cables to the provided power cable (Female connector)

## Navigation, HDMI cable connection

**Q-CAST HDMI**

\* Power is supplied by USB port from AV cable.

## AV Cable

USB  
AUDIO OUT L  
AUDIO OUT R  
AUDIO IN L  
AUDIO IN R  
VIDEO IN  
FRONT CAMERA IN  
REAR CAMERA IN  
SAFE  
REAR CAM  
F-CAM 12V  
R-CAM GND  
R-CAM 12V

## Original Button Usage

<LOW / 6.5">

<HIGH / 8.8">



- 1: Long press - Change mode
- 2: Short press - Select(FACTORY menu)
- 3: Long press - FACTORY menu on Short press - Cancel(FACTORY menu)
- 4: Long press - RESET(5 seconds)
- 5: Long press - PIP Function on (Rear view)
- 6: Rotate - menu (FACTORY menu)
- 7: Short press - Front camera mode on (F-CAM ENABLE Required)

\* All button shortly - back to original mode



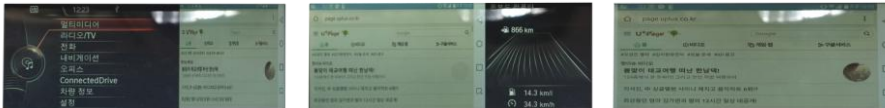
- 1: Long press - Change mode
- 2: Short press - Select(FACTORY MENU)
- 3: Long press - FACTORY menu on Short press - Cancel(FACTORY menu)
- 4: Long press - RESET(5 seconds)
- 5: Long press - PIP Function on (HDMI, AV, Rear view)
- 6: Rotate - menu (FACTORY menu)
- 7: Short press - Front camera mode on (F-CAM ENABLE Required)

\* All button shortly - back to original mode



- 1: Short press - Change mode (If no voice button, long press down button Short press - PIP Function on (Only on rear view mode))
- 2: Short press - Change mode(#6 Mini)

## External mode PIP(HDMI, AV Mode)



## Rear view screen PIP(Rear view mode)



## Components

support@car-solutions.com

INTERFACE (HPOWER0113)  
POWERCABLE (HLCDCAA0035)  
LVDS CABLE (HLCDCAA0035)  
MULTI CABLE (HAVCA0045)  
REAR CABLE (HARETC0002)

## GUI Selection

\* Set up Dip switch #6 On or off depending on models below.

- Rear view PDC -



<Solid GUI model> <Normal GUI model>

## Dip switch setting



PIN	Dip S/W Setting
1	ON : HDMI1 mode skip OFF : HDMI1 mode on
2	ON : HDMI2 mode skip OFF : HDMI2 mode on
3	ON : A/V mode skip OFF : A/V mode on
4	No use
5	ON : 6.5" monitor OFF : 8.8" or 10.2" monitor
6	ON : Normal GUI model OFF : Solid GUI model
7	ON : External rear view camera OFF : Original rear view camera
8	No use

\* New X3, X4 : Dip #5, #6 ON

## FACTORY Mode

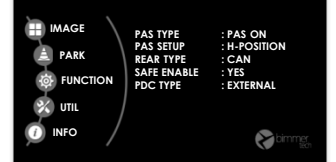
\* Able to access by pressing longer Back button of I-DRIVE.

### IMAGE



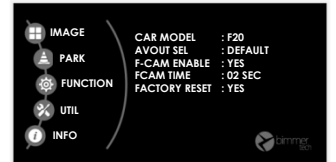
**BRIGHTNESS** : Control screen brightness  
**CONTRAST** : Control screen contrast  
**SHARPNESS** : Control screen sharpness

### PARK



**PAS TYPE** : Select type of parking guide line  
- NOT USED : No use parking guide line  
- PAS ON : Selecting Dynamic parking guide line  
- PAS OFF : Selecting fixed parking guide line  
**PAS SETUP** : Adjusting the position of the parking guide line  
**REAR TYPE** : Choose rear camera recognition  
- LAMP / CAN  
**SAFE ENABLE** : No video mode available while driving  
**PDC TYPE** : Select type of PDC  
- EXTERNAL : External camera installed without original  
- HARMAN : Original PDC screen is located in middle

### FUNCTION



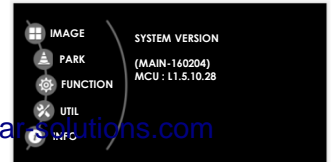
**CAR MODEL** : Select car model(F20 / F56)  
**AVOUT SEL** : Selecting background sound  
Original / LVDS mode - DEFAULT / HDMI / AV  
**F-CAM ENABLE** : Front camera on  
**FCAM TIME** : F-CAM play time  
- 02 SEC ~ 10 SEC  
**FACTORY RESET** : Reset FACTORY mode

### UTIL



**HANDLE KEY** : Voice button from steering wheel on  
**MEMORY KEY** : Memory #8 button on  
**I-DRV TYPE** : I-DRIVE type  
- HIGH(8.8") / LOW(6.5")

### INFO



System version information.