# HD Converter User Manual

# Declaration:

### Copyright ©2017

Thank you for using this digital product of our company. In order to let you experience the product swimmingly, detailed instruction is provided which you can find the product's introduction, usage and other information. Before using this product, please read the manual carefully, so that you can correctly use it. In case of any printing or translation error, we apologize for the inconvenience. As for the content change, we are sorry for no further notice.

# Safty Caution

**Notice:**

Do not put and install the device in place with strong sunlight or near heating equipment.

Do not install the equipment in a wet, dusty or soot place.

Please make sure horizontal installation, or install the device in a stable place, preventing the device falling down.

Do not drop or spill liquid on the device, and make sure that no liquid things putting on the device to prevent liquid flowing into the equipment.

Please install the device in a well-ventilated environment, do not block the ventilation.

Only use the device within the rated input and output range.

Do not break the device at will.

Please transport and use device in the suitable humidity and temperature range.
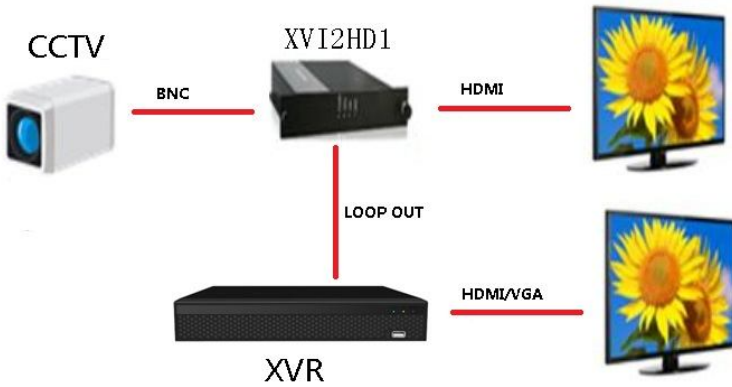
# Catalogue

# 1   Introduction

## 1.1 Overview

XVI2HD1 makes it happen to convert analog signal into HD signal output , supports AHD / TVI / CVI / CVBS input, simultaneously supports 1 analog loop output.

## 1.2 Function :

**RGM**
D I G I T A L

- 1CH AHD/TVI/CVI/CVBS input, ,support 1MP/2MP/3MP/4MP/5MP resolution
- 1 CH loop output , 1 CH HD ouput (Max 1080P)
- Support AHD/TVI/CVI/CVBS formats , recognize and report input signal automatically
- Support color display when t no signal ;
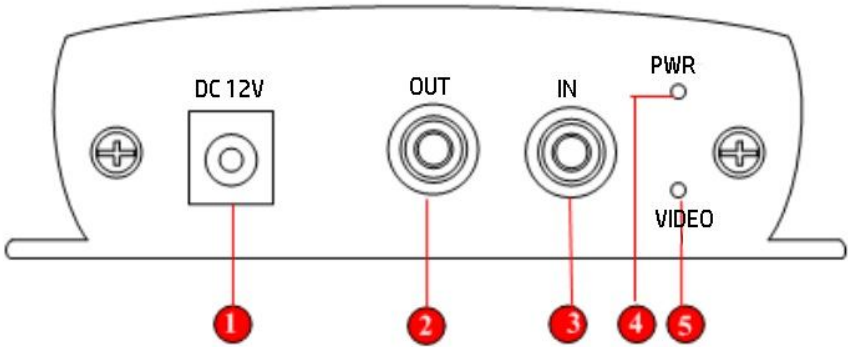- Convert signal in real-time ;

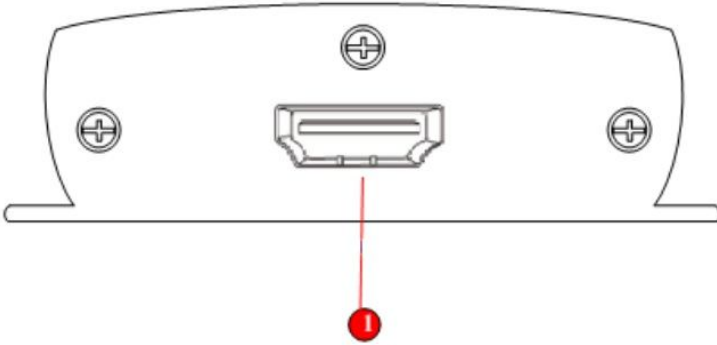## 1.3 Typical application



# 2 User manual

## 2.1 Front panel

### 2.1.1 Front panel ( photo for reference only )

RGM
D I G I T A L

| No. | Name | Description |
|-----|------|-------------|
| 1 | Power supply | DC 12V |
| 2 | BNC | AHD/CVI/TVI/CVBS signal output port |
| 3 | BNC | AHD/CVI/TVI/CVBS signal input port |
| 4 | Power Indicator | Red light on when power in |
| 5 | Video in Indicator | Green light on when video in |

## 2.2 Rear Panel

### 2.2.1 Rear Panel ( photo for reference only )

RGM
DIGITAL

| No. | Name | Description |
|-----|------|-------------|
| 1 | HD | Display device when HD in |

## 2.3 Installation instructions

● Check the device .

● Read the instructions in this manual.

● Check all the parts for device, contact your supplier when anything missing

● Wall mounting

## 2.5 Specification

| Model | XVI2HD1 HD Converter |
|-------|----------------------|

RGM
DIGITAL

| Port | 2 BNC port ,1 HD port |
|---|---|
| Signal input | AHD/TVI/CVI/CVBS |
| Resolution input | 1MP/2MP/3MP/4MP/5MP |
| Resolution output | HD(1080P) |
| Input resistance | 75Ω |
| Indicator | Power、Video Indicator |
| Power | DC12V/500MA |
| Size | 107.5*80*27.3 |
| Operating temperature | -20~75℃ |
| Humidity | 10%~90% |
| Installation | Individual installation |

RGM
DIGITAL

# 3 Appendix

## 3.1 Frequently Asked Questions

**1. Analogue Input 1MP~5MP, why output max 1080P?**

A.   When the input resolution is less than or equal to 2MP, the output is total output. When the input resolution is higher than 2MP, the device will compress the output image format automatically, the output image resolution will reduce accordingly.

**2. When connect a 5 IN 1 camera, switch    signals by OSD button on the waterproof line , no photo or black and white screen , what should we do?**

B.   As we switch by OSD directly, the input signal is not disconnected immediately, to the device can not recognize the input signal. Power off and power on again, everything will be normal.

RGM
D I G I T A L