

# AddPac HD BOX Camera Solution for CCTV



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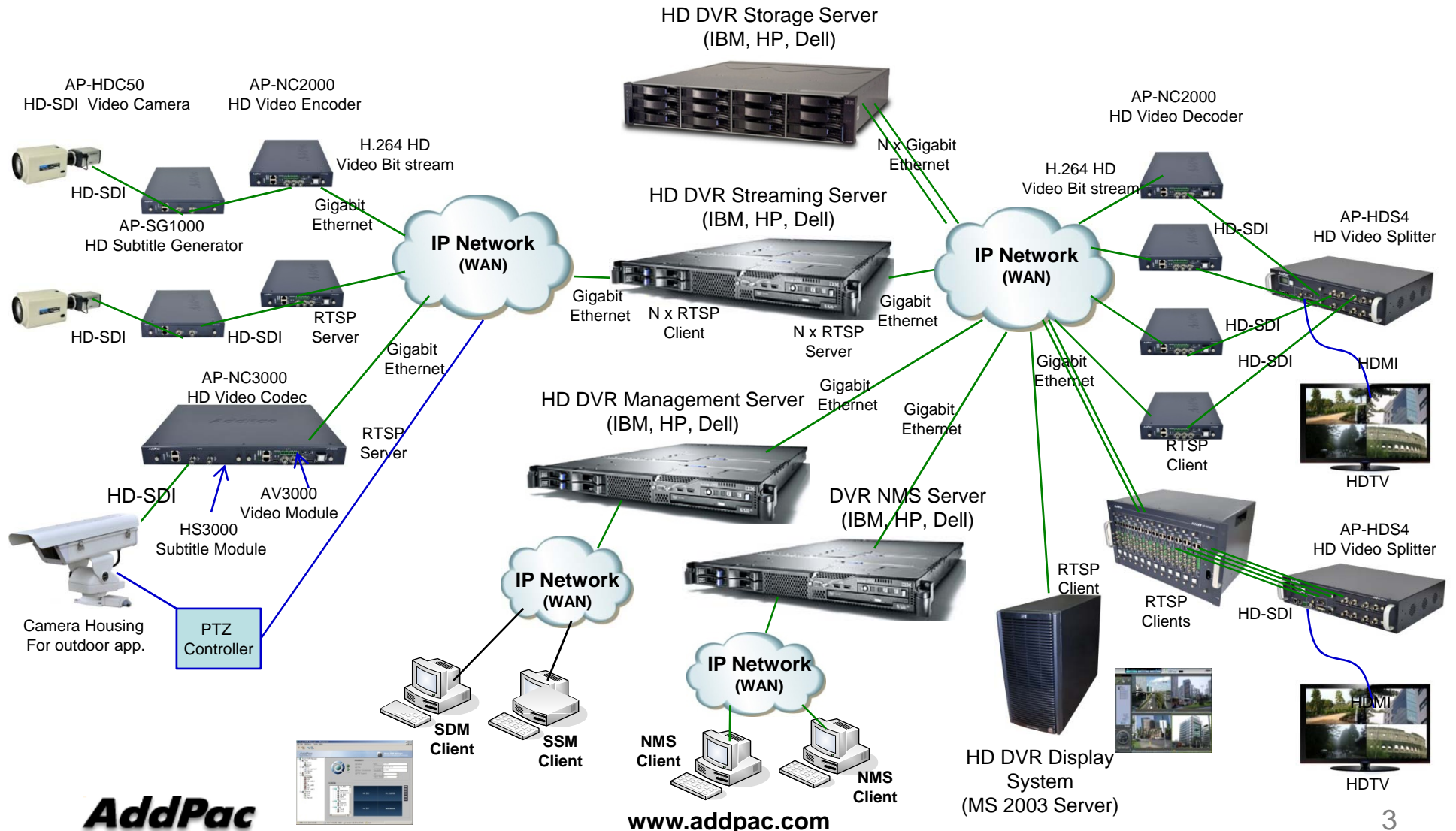
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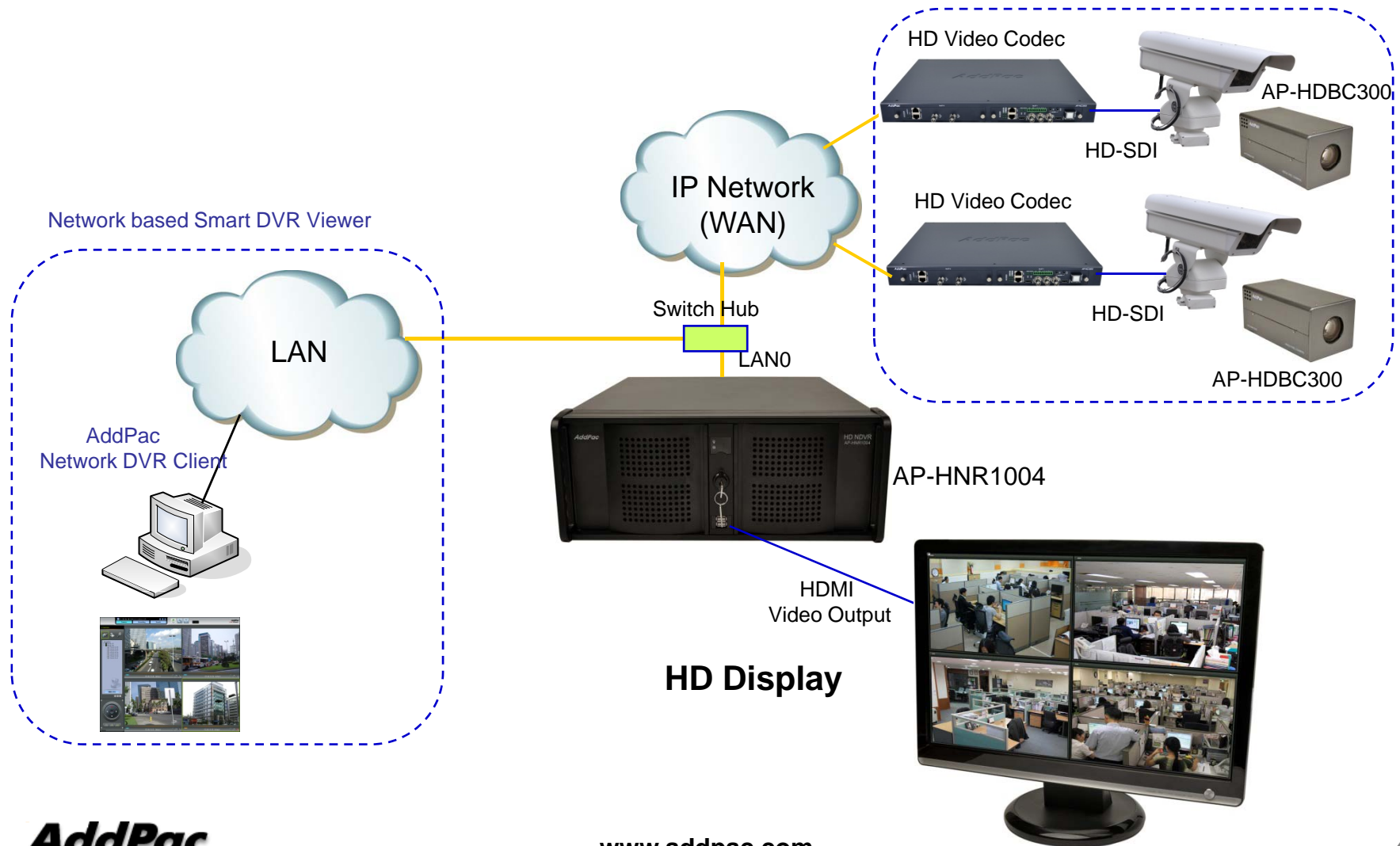
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# HD BOX Camera Service Diagram for CCTV



# HD BOX Camera Service Diagram for CCTV



# HD Cameras for Video Conference

| Product                  | AP-HDBC50   | AP-HDBC100   | AP-HDBC200  | AP-HDBC300  |
|--------------------------|---|--|---|---|
|                          |  |  |  |  |
| Sensor                   | CCD   | CMOS   | CCD   | CMOS  |
| Optical Zoom             | N/A,<br>CS Mount Zoom Lens  | x10  | x18   | x20   |
| Video Resolution         | HD<br>720P(1280x720)  | Full HD<br>720P, 1080i   | HD<br>720P(1280x720)  | Full HD<br>720P, 1080i, 1080p   |
| Video Output             | HD-SDI  | HD-SDI   | HD-SDI  | HD-SDI  |
| Camera Control           | Support   | Support  | Support   | Support   |
| Camera Control Interface | RS232   | RS485  | RS485   | RS485   |
| Power                    | External Power Adaptor  | External Power Adaptor   | External Power Adaptor  | External Power Adaptor  |



# AP-HDBC300 Full HD Box Camera

# Main Features

## AP-HDBC300 Full HD Box Camera

- High-End Full HD Video Camera Features
- CMOS Sensor, 3.27Mega Pixel Camera
- Various Video Format Support ( ex;1080p/29.97, 1080i/59.94, etc)
- PAN/TILT/Zoom Housing Features
- **Optical 20 x Zoom**, Digital 12 x Zoom Camera
- HD-SDI Digital Video Output Interface
- RS485 Interface for Camera Control
- Camera System Select Switch for Video Output Mode Control

# Hardware Specification

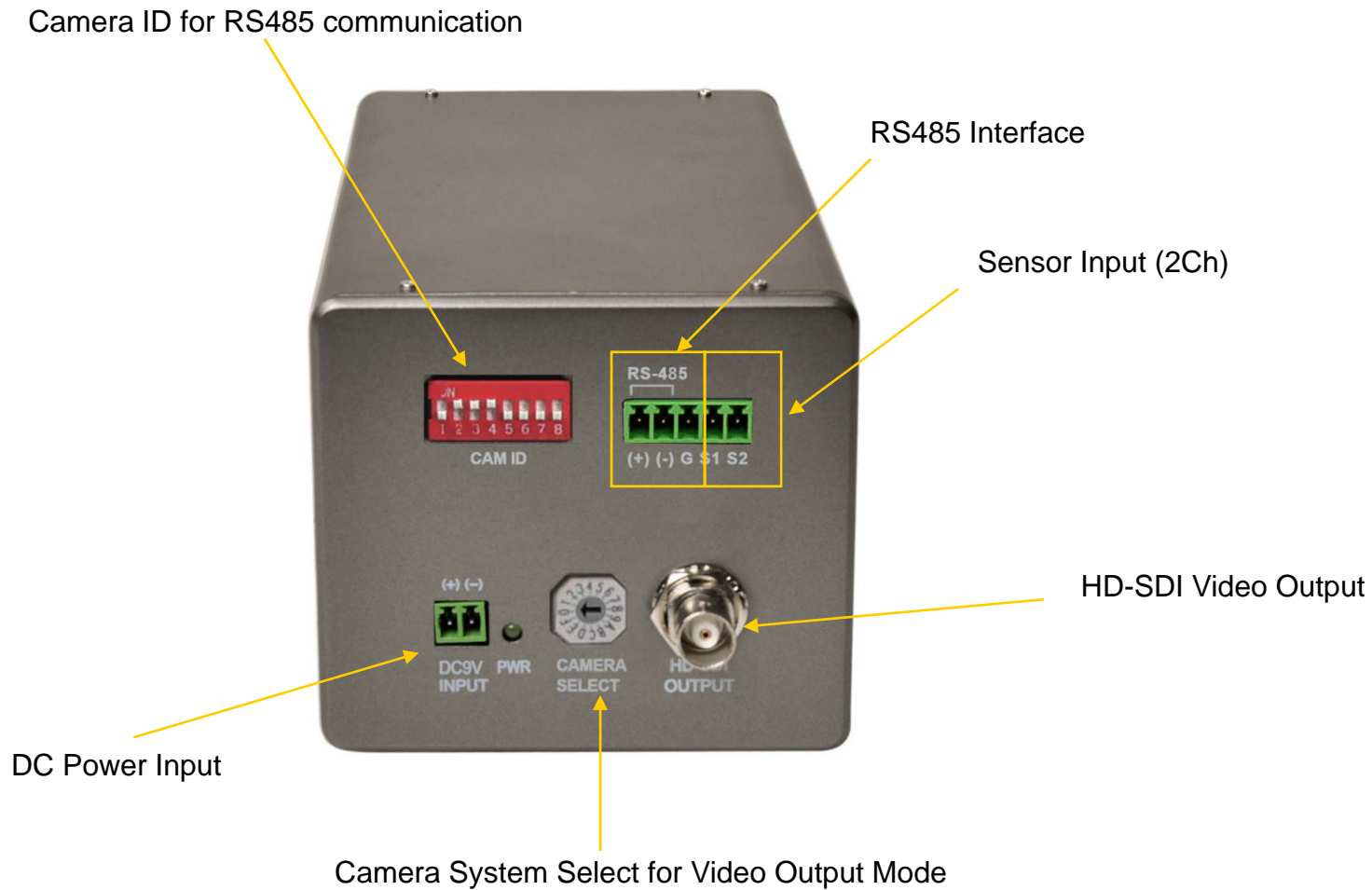
## AP-HDBC300 Full HD Box Camera

- Camera Specification
  - High-end 1/2.8-type “Exmor” CMOS Camera Sensor
  - 3.27 Mega Pixels
  - HD : 1080p/29.97, 1080p/25, 1080i/59.94, 1080i/50, 720p/59.94, 720p/50, etc
  - Auto Focus 20 x Optical Zoom, 12 x Digital Zoom
  - Auto ICR Function
  - Noise Reduction
  - PELCO-D Control Protocol
  - Position Preset



# Hardware Specification

## AP-HDBC300 Full HD Box Camera





# AP-HDBC200 HD Box Camera

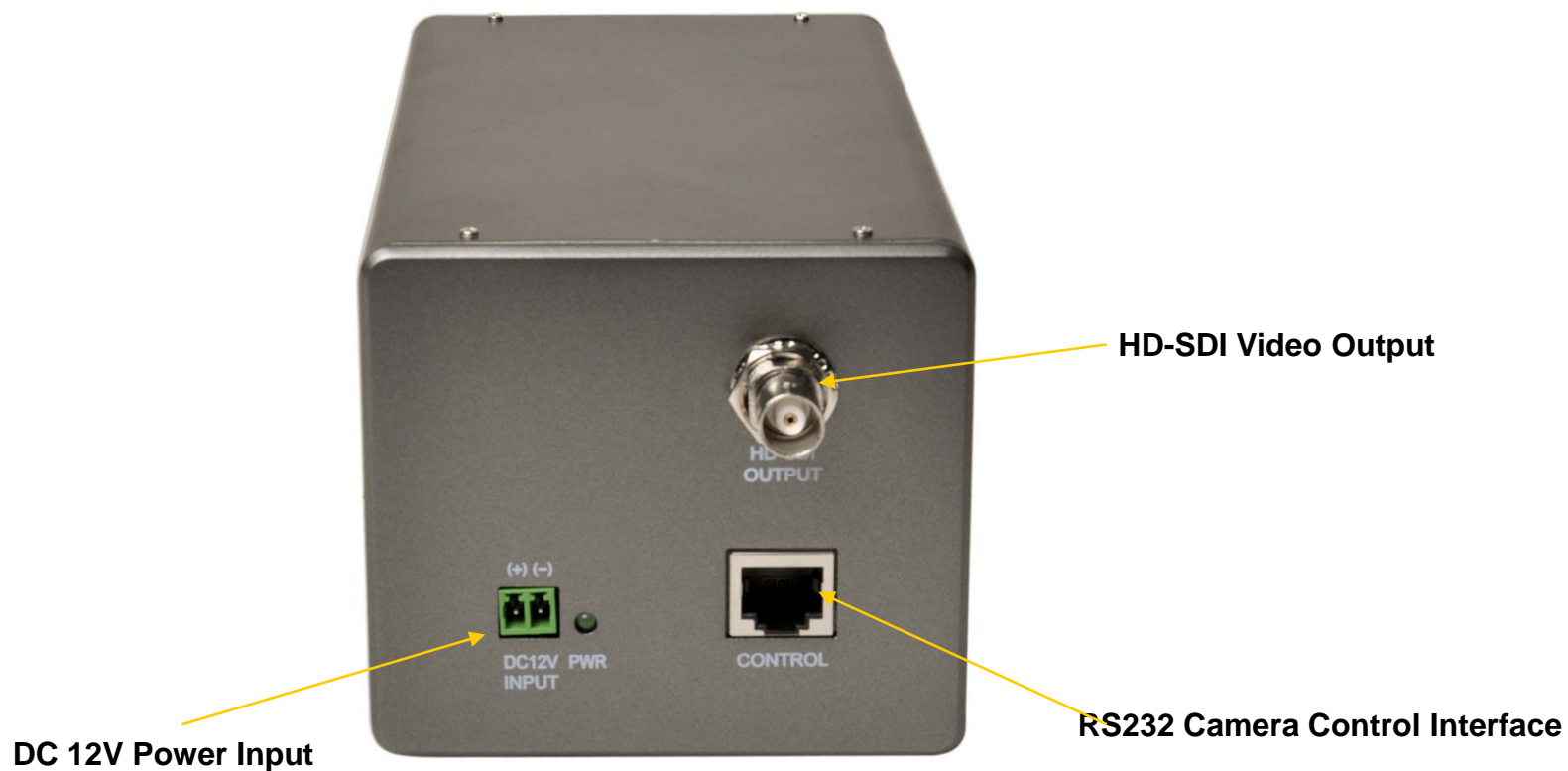
# Main Features

## AP-HDBC200 HD Box Camera

- High-End HD Video Camera Features
- 1/3" Progressive Scan CCD Image Sensor
- 1.3 Mega Pixel Camera
- 720P(1280x720)/30frame Video Resolution Support
- External PAN/TILT Housing Features
- 18x Optical Zoom Support
- HD-SDI Digital Video Output Interface

# Hardware Specification

AP-HDBC200 HD Box Camera





# AP-HDBC100

## Full HD Box Camera

# Main Features

AP-HDBC100 Full HD Box Camera

- High-End HD Video Camera Features
- CMOS Sensor, 2Mega Pixel Camera
- Various Video Format Support ( ex;1080i/59.94)
- External PAN/TILT/Zoom Housing Features
- Optical 10 x Zoom, Digital 12 x Zoom Camera
- HD-SDI Digital Video Output Interface

# Hardware Specification (Camera Features)

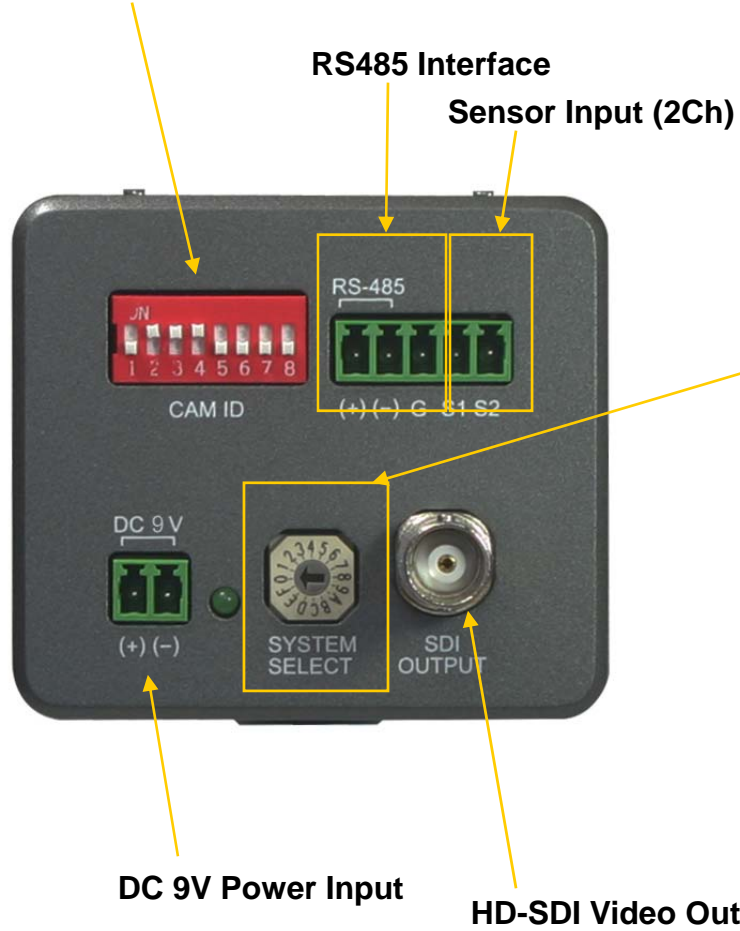
## AP-HDBC100 Full HD Box Camera

- Image Sensor
  - CMOS, 2Mega Pixel
- Video Format : 8 Format
  - HD : 1080i/59.94, 1080i/50, 720p/59.94, 720p/50
  - SD :
- Video Output
  - HD-SDI
- Lens
  - Auto Focus 10 x Optical Zoom, 12 x Digital Zoom
- Communication Protocol
  - VISCA
- Position Preset

# Hardware Specification

## AP-HDBC100 Full HD Box Camera

Camera ID for RS485 communication



System Select Switch

|              |    |    |                                  |
|--------------|----|----|----------------------------------|
| Video Signal | 70 | 01 | 1080i/59.94<br>(Initial Setting) |
|              |    | 02 | 720p/59.94                       |
|              |    | 03 | NTSC(CROP)                       |
|              |    | 04 | NTSC(SQ)                         |
|              |    | 11 | 1080i/50                         |
|              |    | 12 | 720p/50                          |
|              |    | 13 | PAL(CROP)                        |
|              |    | 14 | PAL(SQ)                          |





# AP-HDBC50 HD Box Camera

# Main Features

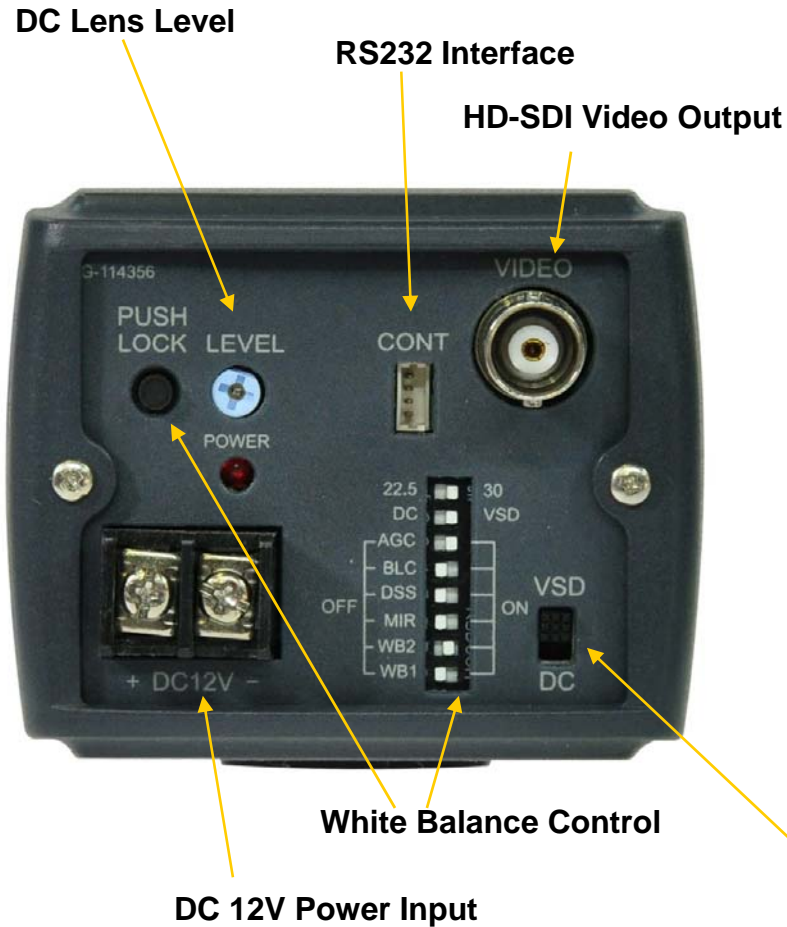
## AP-HDBC50 HD Box Camera

- High-End HD Video Camera Features
- 1/3" Progressive Scan CCD Image Sensor
- 1.3 Mega Pixel Camera
- 720P(1280x720)/30frame Video Resolution Support
- External PAN/TILT/Zoom Housing Features
- C/CS Mount Support for High-End External Zoom Lens
- HD-SDI Digital Video Output Interface
- RS-232C Control Port for Firmware Upgrade



# Hardware Specification

## AP-HDBC50 HD Box Camera



|                   |   |
|-------------------|---|
| CCD               | 1/3" Progressive Scan CCD Image Sensor                    |
| Pixel             | 1.3 Mega Pixel  |
| Scanning          | Progressive Scan  |
| S/N Ratio         | More than 50dB  |
| Min. illumination | DSS off : 1.0 lx(F1.2, 30 IRE, AGC On)<br>DSS on : 0.1 lx |
| AGC               | On/Off  |
| BLC               | On/Off  |
| DSS               | On/Off  |
| H-Mirror          | On/Off  |
| White Balance     | Support ATW, AWC, One-Push                                |
| Lens Mount        | C/CS Mount Available                                      |
| Lens Control      | Supports VSD and DC lens                                  |



# Thank you!

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