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## ***About AVinformation***

**AVinformation is a chinese service and information provider who is dedicated to provide import service and information to customer all over the world in Audiovisual industry.**

**We are an exclusive distributor of Video Camera produced by Shenzhen Han-rui Technology Co., Ltd for overseas market.**

# HR-8300

## TelePresence High Definition Camera



### Overview:

HR-8300 is high definition, telepresence video camera, which is equipped with three HD lens. It will bring you super wide horizontal view and take you to a vivid conference environment.

### Specifications:

Item	Specifications
Video format	HD
Image sensor	3*HD CMOS
Effective pixel	4 million(16:9)
Resolution	1080i/50/60 ; 720P/50/60
Lens	10 times optical zoom
Image effects	Mirroring and flipping
Minimum image distance	10mm(wild-angle) 800(zoom)
Minimum illumination	0.6lux(F1.4)
Auto exposure	Auto/Manual/AE priority, exposure/backlight compensation
Shutter speed	1/2 ~ 1/10,000 s
Auto gain control	Auto/Manual (-3 ~ +18 Db)
White balance	Auto/Manual/Indoor/Outdoor/Trigger
S/N ratio	More than 50Db
Preset	30 remote presets each lens
Image display	16:9 4:3
Output signal	YPbPr or HDMI
Control port	RS-232C (8-pin mini DIN)
Control protocol	VISCA/PELCO"P/D"
Power requirement	DC 10.8 to 13.2 V
Power consumption	12W
Working Temp.	0 to 40 °C (32 to 40 °F)
Storage Temp.	-20 to +60 °C (-4 to +140 °F)



# HR-HD806

## High Definition Camera



### Overview:

HR-HD806 is high definition, PAN/TILT/ZOOM type color video camera, which is equipped with high quality 20 times optical zoom lens and supports simultaneously multi digital signal output. It has 4 million effective pixels with a selectable output image from 16:9/4:3 and output resolution is up to 1080P50/60Hz. Both ceiling and desktop installation, it is best choice for Videoconference, Distance learning, Healthcare and Court etc.

### Specifications:

Item	Specifications
Video format	HD
Image sensor	1/3" HD CMOS
Effective pixel	4 million(16:9)
Resolution	1080P50/60; 1080P30/25; 1080i/50/60 ; 720P/50/60
Lens	20 times optical zoom
Image effects	Mirroring and flipping
Minimum image distance	10mm(wild-angle) 800(zoom)
Minimum illumination	1Lux(F1.8)
Auto exposure	Auto/Manual/AE priority, exposure/backlight compensation
Shutter speed	1/2 ~ 1/10,000 s
Auto gain control	Auto/Manual (-3 ~ +18 dB)
White balance	Auto/Manual/Indoor/Outdoor/Trigger
S/N ratio	More than 50dB
Pan/Tilt	Pan: 260° (Max speed: 300°/s); Tilt: -30° to +30° (Max speed: 125°/s)
Preset	180 remote presets
Image display	16:9 4:3
Output signal	HD: YPbPr; DVI-I; HDMI; HD-SDI;
Control port	RS-232C (RJ-45)/RS485
Control protocol	VISCA/PELCO"P/D"
Power requirement	DC 10.8 to 13.2 V
Power consumption	12W
Working Temp.	0 to 40 °C (32 to 40 °F)
Storage Temp.	-20 to +60 °C (-4 to +140 °F)
Dimension	225(W) x 155(H) x175(D)mm
Installation	Desktop/Ceiling



# HR-HD805

## High Definition Camera



### Overview:

HR-HD805 is high definition, PAN/TILT/ZOOM type color video camera, which is equipped with high quality 18 times optical zoom lens. It has 3.5 million effective pixels with a selectable output image from 16:9/4:3 and output resolution is up to 1080P50/60Hz. Both ceiling and desktop installation, it is best choice for Videoconference, Distance learning, Healthcare and Court etc.

### Specifications:

Item	Specifications
Video format	HD/NTSC/PAL
Image sensor	1/3" HD CMOS
Effective pixel	3.5 million(16:9)
Resolution	1080P50/60; 1080P30/25; 1080i/50/60 ; 720P/50/60
Lens	18 times optical zoom
Image effects	Mirroring and flipping
Minimum image distance	10mm(wild-angle) 800(zoom)
Minimum illumination	6Lux(F1.8)
Auto exposure	Auto/Manual/AE priority, exposure/backlight compensation
Shutter speed	1/2 ~ 1/10,000 s
Auto gain control	Auto/Manual (-3 ~ +18 dB)
White balance	Auto/Manual/Indoor/Outdoor/Trigger
S/N ratio	More than 50dB
Pan/Tilt	Pan: 340° (Max speed: 300°/s); Tilt: -30° to +90° (Max speed: 125°/s)
Preset	180 remote presets
Image display	16:9 4:3
Output signal	HD: YPbPr; DVI-I; HD-SDI(Customized) SD: Composite video
Control port	RS-232C (8-pin mini DIN)/RS485
Control protocol	VISCA/PELCO"P/D"
Power requirement	DC 10.8 to 13.2 V
Power consumption	12W
Working Temp.	0 to 40 °C (32 to 40 °F)
Storage Temp.	-20 to +60 °C (-4 to +140 °F)
Dimension	177.2(W) x 221.76(H) x 180.72(D)mm
Installation	Desktop/Ceiling



# HR-HD803

## High Definition Camera



### Overview:

HR-HD803 is high definition, PAN/TILT/ZOOM type color video camera, which is equipped with high quality 12 times optical zoom lens. It has 3.5 million effective pixels with a selectable output image from 16:9/4:3. Both ceiling and desktop installation, it is best choice for Videoconference, Distance learning, Healthcare and Court etc.

### Specifications:

Item	Specifications
Video format	HD/NTSC/PAL
Image sensor	1/3" HD CMOS
Effective pixel	3.5 million(16:9)
Resolution	1080P30/25; 1080i/50/60 ; 720P/50/60
Lens	12 times optical zoom
Image effects	Mirroring and flipping
Minimum image distance	10mm(wild-angle) 800(zoom)
Minimum illumination	6Lux(F1.8)
Auto exposure	Auto/Manual/AE priority, exposure/backlight compensation
Shutter speed	1/2 ~ 1/10,000 s
Auto gain control	Auto/Manual (-3 ~ +18 dB)
White balance	Auto/Manual/Indoor/Outdoor/Trigger
S/N ratio	More than 50dB
Pan/Tilt	Pan: 340° (Max speed: 300°/s); Tilt: -30° to +90° (Max speed: 125°/s)
Preset	180 remote presets
Image display	16:9 4:3
Output signal	HD: YPbPr; DVI-I; HD-SDI(Customized) SD: Composite video
Control port	RS-232C (8-pin mini DIN)/RS485
Control protocol	VISCA/PELCO"P/D"
Power requirement	DC 10.8 to 13.2 V
Power consumption	12W
Working Temp.	0 to 40 °C (32 to 40 °F)
Storage Temp.	-20 to +60 °C (-4 to +140 °F)
Dimension	177.2(W) x 221.76(H) x180.72(D)mm
Installation	Desktop/Ceiling



# HR-HD802

## High Definition Camera



### Overview:

HR-HD802 is high definition, PAN/TILT/ZOOM type color video camera, which is equipped with high quality 12 times optical zoom lens. It has 2 million effective pixels with a selectable output image from 16:9/4:3. Both ceiling and desktop installation, it is best choice for Videoconference, Distance learning, Healthcare and Court etc.

### Specifications:

Item	Specifications
Video format	HD/NTSC/PAL
Image sensor	1/3" HD CMOS
Effective pixel	2 million(16:9)
Resolution	1080P30/25; 1080i/50/60 ; 720P/50/60
Lens	12 times optical zoom
Image effects	Mirroring and flipping
Minimum image distance	10mm(wild-angle) 800(zoom)
Minimum illumination	6Lux(F1.8)
Auto exposure	Auto/Manual/AE priority, exposure/backlight compensation
Shutter speed	1/2 ~ 1/10,000 s
Auto gain control	Auto/Manual (-3 ~ +18 dB)
White balance	Auto/Manual/Indoor/Outdoor/Trigger
S/N ratio	More than 50dB
Pan/Tilt	Pan: 360° (Max speed: 300°/s); Tilt: -30° to +90° (Max speed: 125°/s)
Preset	180 remote presets
Image display	16:9 4:3
Output signal	HD: YPbPr; SD: Composite video
Control port	RS-232C (8-pin mini DIN)/RS485
Control protocol	VISCA/PELCO"P/D"
Power requirement	DC 11 to 13.2 V
Power consumption	12W
Working Temp.	0 to 40 °C (32 to 40 °F)
Storage Temp.	-20 to +60 °C (-4 to +140 °F)
Dimension	132(W) x 156(H) x 144(D)mm
Installation	Desktop/Ceiling



# HR-SD660

## Standard Definition Camera



### Overview:

HR-SD660 is standard definition, PAN/TILT/ZOOM type color video camera, which is equipped with high quality 26 times optical zoom lens. It has output selectable from VGA/Composite video/S-VIDEO. Both ceiling and desktop installation, it is best choice for Videoconference, Distance learning, Healthcare and Court etc.

### Specifications:

Item	Specifications
Video format	PAL
Image sensor	1/4" Exview HAD CCD
Effective pixel	0.44 million
Resolution	550TVL
Lens	26 times optical zoom
Image effects	Mirroring and flipping
Minimum image distance	10mm(wild-angle) 800(zoom)
Minimum illumination	0.5Lux
Auto exposure	Auto/Manual/AE priority, exposure/backlight compensation
Shutter speed	1 ~ 1/10,000 s
Auto gain control	Auto/Manual (-3 ~ +18 dB)
White balance	Auto/Manual/Indoor/Outdoor/Trigger
S/N ratio	More than 50dB
Pan/Tilt	Pan: 340° (Max speed: 200°/s); Tilt: -30° to +90° (Max speed: 125°/s)
Preset	180 remote presets
Image display	4:3
Output signal	Composite video; S-VIDEO; VGA(Customized)
Control port	RS-232C (8-pin mini DIN)/RS485
Control protocol	VISCA/PELCO"P/D"
Power requirement	DC 11 to 13.2 V
Power consumption	12W
Working Temp.	0 to 40 °C (32 to 40 °F)
Storage Temp.	-20 to +60 °C (-4 to +140 °F)
Dimension	177.2(W) x 221.76(H) x180.72(D)mm
Installation	Desktop/Ceiling





# HR-SD608

## Standard Definition Camera



### Overview:

HR-SD608 is standard definition, PAN/TILT/ZOOM type color video camera, which is equipped with high quality 18 times optical zoom lens. It has output selectable from Composite video/S-VIDEO. Both ceiling and desktop installation, it is best choice for Videoconference, Distance learning, Healthcare and Court etc.

### Specifications:

Item	Specifications
Video format	PAL
Image sensor	1/4" Exview HAD CCD
Effective pixel	0.47 million
Resolution	480TVL
Lens	18 times optical zoom
Image effects	Mirroring and flipping
Minimum image distance	10mm(wild-angle) 800(zoom)
Minimum illumination	0.8Lux(F1.4)
Auto exposure	Auto/Manual/AE priority, exposure/backlight compensation
Shutter speed	1 ~ 1/10,000 s
Auto gain control	Auto/Manual (-3 ~ +28 dB)
White balance	Auto/Manual/Indoor/Outdoor/Trigger
S/N ratio	More than 50dB
Pan/Tilt	Pan: 360° (Max speed: 200°/s); Tilt: -30° to +90° (Max speed: 125°/s)
Preset	180 remote presets
Image display	4:3
Output signal	Composite video; S-VIDEO; USB(Customized)
Control port	RS-232C (8-pin mini DIN)/RS485
Control protocol	VISCA/PELCO"P/D"
Power requirement	DC 10.8 to 13.2 V
Power consumption	12W
Working Temp.	-10 to 50 °C
Dimension	132(W) x 156(H) x 144(D)mm
Installation	Desktop/Ceiling



# HR-SD605

## Standard Definition Camera



### Overview:

HR-SD605 is standard definition, PAN/TILT/ZOOM type color video camera, which is equipped with high quality 22 times optical zoom lens. It has output selectable from Composite video/S-VIDEO. Both ceiling and desktop installation, it is best choice for Videoconference, Distance learning, Healthcare and Court etc.

### Specifications:

Item	Specifications
Video format	PAL
Image sensor	1/4" Super HAD CCD
Effective pixel	0.44 million
Resolution	480TVL
Lens	22 times optical zoom
Image effects	Mirroring and flipping
Minimum image distance	10mm(wild-angle) 800(zoom)
Minimum illumination	1Lux
Auto exposure	Auto/Manual/AE priority, exposure/backlight compensation
Shutter speed	1 ~ 1/10,000 s
Auto gain control	Auto/Manual (-3 ~ +28 dB)
White balance	Auto/Manual/Indoor/Outdoor/Trigger
S/N ratio	More than 50dB
Pan/Tilt	Pan: 360° (Max speed: 200°/s); Tilt: -30° to +90° (Max speed: 125°/s)
Preset	180 remote presets
Image display	4:3
Output signal	Composite video; S-VIDEO; USB(Customized)
Control port	RS-232C (8-pin mini DIN)/RS485
Control protocol	VISCA/PELCO"P/D"
Power requirement	DC 10.8 to 13.2 V
Power consumption	12W
Working Temp.	-10 to 50 °C
Dimension	132(W) x 156(H) x 144(D)mm
Installation	Desktop/Ceiling



# HR-350

## Control keyboard



### Overview:

HR-350 control keyboard is specially designed for meeting camera. It can remotely control several camera Pan/Tilt, zoom, focus and preset etc.

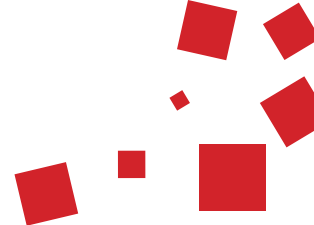
### Product Features:

1. Support PELCO-D, PELCO-P and VISCA protocols, provide RS485/RS232 control port.
2. Multi-function menu programming, LCD display.
3. With three dimensional joystick, it can variable speed control the camera or Pan/tilt.
4. Control camera pan/ tilt rotation, zoom, iris, focus and parameter setting, provide 255 presets.
5. Display the decoder and matrix's working status in real time.
6. Auto/manual focus.
7. Key-press setting baud rate, address and protocol change.
8. Support 7-32 units of camera control, with converter support max.254 units of camera control (RS485).
9. Power supply : DC12V/10W;working temp.: 0°C -50°C



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