Ychain

HD Video Camera
YCHAIN HD610H2U

USB2.0
USB3.0
HDMI

Key Features

Superb High-Definition image experience

The HD610H2U employs high quality CMOS sensor,frame rate up to 1080p60/50, providing super smooth video, makes full high definition comes true.

Lifelike video image

Based on the unique Iridix exposure dynamic control algorithm, the HD610H2U delivering intricately detailed and vivid images,especially under circumstance with strong light and shade contrast.

A variety of white balance modes selection - the perfect color experience

A variety of white balance modes: automatic white balance, automatic tracking white balance, etc., to meet the requirements of users in different environments.

Low noise and High SNR

The HD610H2U applies low noise sensor,decreasing image noise effectively and also improving SNR.

12x optical zoom

The HD610H2U comes with a 12x optical zoom. High performance lens with fast and stable auto focus capability. With high precision PTZ position, it offers ease of use for the user.
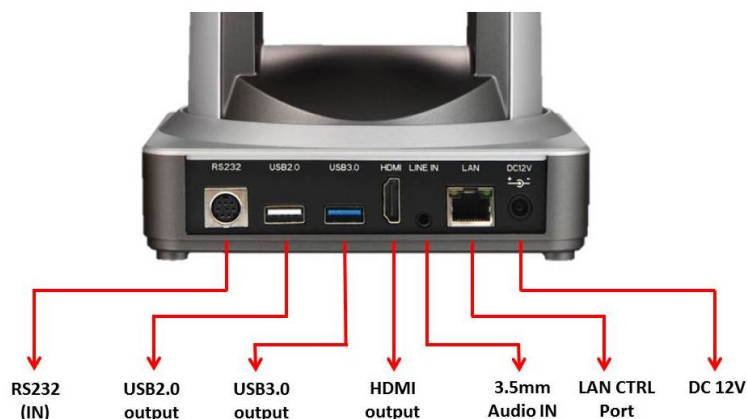
Wide-range, Quiet and Quick PTZ Mechanism

By adopting step driving motor mechanism, the HD610H2U camera is extremely quiet, moves smoothly and quickly to designated position and covers a wide shooting range.

RS-232C remote control (VISCA protocol)

All camera settings and pan/tilt/zoom control functions can be performed remotely at high communication speeds via the RS-232C interface (VISCA™ protocol). By using RS232 cascading interface, two or more cameras can be connected synchronously.

Backplane connectivity

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| RS232 (IN) | USB2.0 output | USB3.0 output | HDMI output | 3.5mm Audio IN | LAN CTRL Port | DC 12V |

Product Technical Specification

YCHAIN HD610H2U

Sensor	high quality 1/2.8" HD CMOS sensor	White balance	Auto/ Manual/One Push
U3 interface Video Formate	1920x1080P60/50/30/25,1280x720P60/50/30/25,960 x540P30,640x360P30,640x480P30,800x600P30	Focus	Auto/ Manual/A Key Focus
Compatible with U2	960x540P30,640x360P30,1280x720P10/15,720x576P50 720x480P60,640x480P30,352x288P30,800x600P30	DNR	2D&3D DNR
Effective Pixels	16:9 2,07 megapixel	Aperture/ Electronic Shutter	Auto/ Manual
Zoom	12x optical zoom,F=4.1-~49.2mm	BLC	On/Off
View angle & Aperture	6.57°(near)-70.28°(wide) ,F1.8-F2.68	SNR	>55dB
Minimum lux	0.5Lux(F1.8, AGC ON)	Video Adjustment	Brightness,Color,Saturation ,Contrast,Sharpness,B/W
Video Output	USB2.0、USB3.0、HDMI	WDR	OFF/Dynamic level Adjustment
Control interfaces	8 pin mini DINRS232	Power Adapter	Input:AC110V-AC220V, Output: DC12V/1.5A
Control Protocol	VISCA/Pelco-D/Pelco-P ;Baud Rate:115200/9600/4800/2400bps	Power interfaces	HEC3800 outlet (DC12)
Preset Number	255 presets(10 presets by remote controller	Store temperature	-10°C~ +60°C
PTZ Parameter	Rotation Range Pan : +-170°; Tilt:-30°~ +90°	Store Humidity	20%~95%
	Manual control speed Pan: 0.1-60°/sec; Tilt: 0.1-30°/sec	Working temperature	-10°C~+50°C
	Preset control speed Pan: 60°/sec; Tilt: 30°/sec	Working Humidity	20%~80%
Input voltage & Power Consumption	DC12V+-10%,1A(Maximum) 12W(Maximum)	Dimension WxHxD	150mm X 150mm X 167.5mm
Using environment	Indoor	Weight(around)	1.4KG

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Ychain Singapore Pte Ltd.
TEL: +65 9457 6572
https://www.ychain.com/

Distributor: