



# 1080P Ultra-Wide Field Web Camera



Compatible with all Clear Touch™ panels.

## 1080 P

Full HD Super Wide Angle

## USB 2.0

Connectivity & Interface

### Main Features

#### 1080P FULL HD SUPER WIDE ANGLE

Wide angle field of view. Maximum horizontal field of view can be 120°.

#### USB 2.0

Full-featured USB 2.0 interface, power, video and audio all-in-one.

#### BUILT-IN MICROPHONE

Built-in microphone array to pick up sound equally from all directions. Unique noise reduction algorithm to accurately capture your voice.

#### WIDE DYNAMIC RANGE

WDR for various lighting conditions even in the most harsh environments.

#### LOW LIGHT

Featuring a clear and sharp image even in low light environments.

#### EASY INSTALLATION

Equipped with rotary brackets allowing for easy installation on all Clear Touch™ panels as well as third party devices.



## CAMERA

Model Number	CTS-WC100-UHHD
Name	1080P Ultra-Wide Field USB Camera

## CAMERA SPECIFICATIONS

Sensor	1/2.7", CMOS, Effective Pixel: 2.07M
Scanning Mode	Progressive
Lens Mount	M12
Lens	Focus: $f=2.8\text{mm}$ , FOV: 120°
Minimal Illumination	0.05 Lux @ (F1.8, AGC ON)
Shutter	1/30 ~ 1/1000s
White Balance	Auto, Indoor, Outdoor, One Push, Manual
Camera Bracket	Bracket with damper
Digital Noise Reduction	2D, 3D digital noise reduction
Backlight Compensation	Support

## USB FEATURES

Operating System	Windows® 7 (1080p and under only), Windows 8.1, Windows 10 or higher macOS™ 10.10 or higher Google™ Chromebook™ Version 29.0.1547.70 or higher Linux	
Hardware Requirement	2.4 GHz Intel® Core 2 Duo processor or higher 2 GB RAM or more USB 2.0 port	
Color System/Compression	H.265 / H.264 / MJPEG	
Video Format	1080P at 30fps/25fps 720p at 30fps/25fps	960x540p at 30fps/25fps 640x360p at 30fps/25fps
USB Video Communication Protocol	UVC 1.0 ~ UVC 1.5	

## INPUT/OUTPUT INTERFACE

USB Interface	1xUSB 2.0: Type A
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## GENERAL SPECIFICATIONS

Input Voltage	5V (USB power supply)
Current Consumption	270mA
Operating Temperature	14°F ~ 104°F
Storage Temperature	-40°F ~ 140°F
Power Consumption	1.4W
Size	4.65" L x 1.47" W x 1.21" H (not including bracket)
Net Weight	3.3 oz. (not including bracket)
MTBF	30000h