

# SMART Ultra HD Camera 120

SWC-120UHD



## Overview

The SMART Ultra HD Camera 120 is a 4K Ultra-HD camera with ePTZ. Easily install the camera on a SMART Board® interactive display. The camera can automatically frame people meeting in a boardroom.

## Image

|                                 |                                                                                                                                       |
|---------------------------------|---------------------------------------------------------------------------------------------------------------------------------------|
| <b>Sensor</b>                   | 1/2.8" 4K CMOS                                                                                                                        |
| <b>Pixel count</b>              | 8.28 megapixels                                                                                                                       |
| <b>Aspect ratio</b>             | 16:9                                                                                                                                  |
| <b>Video interface</b>          | 1 channel USB 3.0 output, Type-B                                                                                                      |
| <b>View angle</b>               | 138°(D) /120°(H)/68°(V)                                                                                                               |
| <b>Video compression format</b> | MJPEG: Up to 3840 × 2160@30 fps<br>H264: Up to 3840 × 2160@30 fps<br>YUY2: Up to 1920 × 1080@30 fps<br>NV12: Up to 1920 × 1080@30 fps |

## Optics

|                               |          |
|-------------------------------|----------|
| <b>Focal length</b>           | f=1.89mm |
| <b>Aperture</b>               | F2.0±5%  |
| <b>Digital zoom</b>           | 10×      |
| <b>Focus</b>                  | Fixed    |
| <b>Backlight compensation</b> | ✓        |
| <b>Signal-to-noise ratio</b>  | ≥ 50dB   |

## Function

|                                       |                                                           |
|---------------------------------------|-----------------------------------------------------------|
| <b>Auto framing</b>                   | ✓                                                         |
| <b>White balance</b>                  | Auto<br>Manual                                            |
| <b>Exposure</b>                       | Auto<br>Manual<br>Shutter priority<br>Brightness priority |
| <b>USB communication protocol</b>     | UVC                                                       |
| <b>ePTZ (pan, tilt, zoom control)</b> | ✓                                                         |

## Compatibility

|                                 |                                                                                                                                                                                                    |
|---------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Supported SMART hardware</b> | SMART Board QX Pro series<br>SMART Board 6000S (V3) and 6000S (V3) Pro series<br>SMART Board MX (V4) and MX (V4) Pro series<br>SMART Board MX (V5) and MX (V5) Pro series<br>SMART Board RX series |
|---------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

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## Hardware requirements

|                                          |                                                                              |
|------------------------------------------|------------------------------------------------------------------------------|
| <b>Supported operating systems</b>       | Windows® 10 or later<br>macOS 10.10 or later<br>Android™ 11<br>Linux® 4.9.84 |
| <b>Processor for Windows computers</b>   | 2.4 GHz Intel®Core™ 2 Duo or faster                                          |
| <b>USB support for Windows computers</b> | USB 3.0 for 4K resolution                                                    |

| Outputs        | Qty |
|----------------|-----|
| USB 3.0 Type-B | 1   |

| Included cables and accessories       | Qty |
|---------------------------------------|-----|
| 10' (3 m) USB 3.0 Type-B to Type-A    | 1   |
| 1' (0.3 m) USB 3.0 Type-B to Type-C   | 1   |
| Mounting hardware kit                 | 1   |
| Remote control                        | 1   |
| AAA batteries                         | 2   |
| Illustrated installation instructions | 1   |
| SMART Product card                    | 1   |

## Warranty

|                                         |                                                                                                                                                                                                                                          |
|-----------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>SMART Limited Equipment Warranty</b> | Three years with purchasable two year extension.<br>Terms and conditions and warranty upgrade options vary by region. Visit <a href="http://smarttech.com/warranty">smarttech.com/warranty</a> or contact your reseller for information. |
|-----------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

## Power consumption

|                      |                |
|----------------------|----------------|
| <b>Input voltage</b> | 5V             |
| <b>Input current</b> | 0.9A (maximum) |

## Storage and operating requirements

|                              |                                          |
|------------------------------|------------------------------------------|
| <b>Operating temperature</b> | 14–122°F (-10–50°C)                      |
| <b>Operating humidity</b>    | 20–80% relative humidity, non-condensing |
| <b>Storage temperature</b>   | 14–140°F (-10–60°C)                      |
| <b>Storage humidity</b>      | 20–90% relative humidity, non-condensing |

## Certification and compliance

|                              |                                                                       |
|------------------------------|-----------------------------------------------------------------------|
| <b>US/Canada</b>             | FCC Part 15B, ICES-003, TSCA, CONEG Packaging, Proposition 65         |
| <b>EU/EEA/EFTA/UK</b>        | CE, UKCA, EMCD, REACH, RoHS, Battery, WEEE, Packaging, POP, EcoDesign |
| <b>Australia/New Zealand</b> | RCM                                                                   |
| <b>Regulatory model</b>      | C120-1                                                                |

## Purchasing information

|                             |                                                                              |
|-----------------------------|------------------------------------------------------------------------------|
| <b>Order number:</b>        | SMART Ultra HD Camera 120                                                    |
| <b>SWC-120UHD</b>           |                                                                              |
| <b>Optional accessories</b> | See <a href="http://smarttech.com/accessories">smarttech.com/accessories</a> |

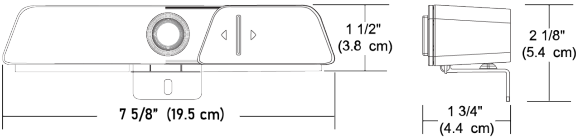
Dimensions and weights

Note

All dimensions ± 0.3 cm. All weights ± 0.9 kg.

SWC-120UHD

Dimensions



Weight

0.5 lb. (0.23 kg)

Shipping dimensions

10.2" x 5.1" x 6.3"  
(26 cm x 13 cm x 9.5 cm)

Shipping weight

1.2 lb. (0.55 kg)