



Bullet hd-cvi camera of 8  
megapixels and optical zoom  
lens

HAC-HFW2802TU-Z-A-S2-DIP

# technical datasheet

## VIDEO (CAMERAS)

Video Resolution	<b>8 Megapixels</b>
BLC	<b>Yes</b>
HLC	<b>Yes</b>
3D-NR	<b>Yes</b>
AGC	<b>Yes</b>
AWB	<b>Yes</b>
WDR	<b>WDR (120 dB)</b>
Video output	<b>1 x BNC switchable HD-CVI / HD-TVI / AHD / CVBS</b>
Day / night mode	<b>Automatic / Manual</b>
Digital Zoom	<b>4x</b>
Privacy mask	<b>Up to 8 zones</b>
Anti fog system	<b>Yes</b>
Mirror	<b>On / Off</b>

## IMAGE

Sensor	<b>CMOS ®</b>
Sensor resolution	<b>3840 x 2160</b>
Electronic shutter speed	<b>1/3 ~ 1/100000s</b>
Minimum lighting	<b>Color: 0.001Lux / B/W: 0.0001Lux</b>
Ratio S / N	<b>More than 65dB</b>

## LENS

Lens Type	<b>Optical zoom</b>
Focal distance	<b>2.7 mm ~ 13.5 mm</b>
Maximum diaphragm opening	<b>F/1.5</b>
Angle of View	<b>113° ~ 47°</b>
Minimum focus distance	<b>1200mm</b>

## AMBIENT

Operating temperature	<b>-30 °C ~ 60 °C</b>
Degree of protection	<b>IP67</b>
Use	<b>Indoor-outdoor</b>
Maximum humidity	<b>95%</b>

## GENERAL INFORMATION

Serie	<b>LITE</b>
Technology	<b>HD-CVI</b>
Type of camera	<b>Bullet</b>

## AUDIO(CAMERAS)

Built in microphone	<b>Yes</b>
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## DISTANCE DORI

Detect (Open lens)	<b>83 m</b>
Detect (Closed Lens)	<b>190 m</b>
Observe (Open lens)	<b>33 m</b>
Observe (Closed lens)	<b>76 m</b>
Recognize (Open lens)	<b>17 m</b>
Recognize (Closed lens)	<b>38 m</b>
Identify (Open lens)	<b>8 m</b>
Identify (Closed lens)	<b>19 m</b>

## NIGHT VISION

Night vision distance	<b>80 m</b>
Type of night vision	<b>IR</b>
Number of LEDs	<b>4</b>
IR ON/Off	<b>Automatic / Manual</b>
Smart IR	<b>Yes</b>

## POWER CONSUMPTION

Power mode	<b>DC</b>
Voltage	<b>12V</b>
Consumption (w)	<b>10.9W</b>
Amperage	<b>910mA</b>

## MATERIAL AND DIMENSIONS

Dimensions	<b>244.1 x 90.4 x 90.4 mm</b>
Material	<b>Metal</b>
Net weight	<b>820 g</b>
Weight with packaging	<b>1130 g</b>

## AXES

Motion	<b>3-Axis</b>
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## INPUTS/OUTPUTS (CAMERAS)

DIP-Schalter	<b>Yes</b>
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