

# DH-MEC-W320

## Helmet Camera



- Supports max. 1080P@30 fps
- H.264, H.265 coding
- Supports built-in microphone, and G711a and AAC audio compression
- Coaxial transmission scheme, and OSD
- 0.2 Lux low illuminance
- Three-axis adjustment, applicable to the fixed installation series which require various monitoring angles
- Connects MTP320 through Type-C port, and it adopts auto lock structure, which is easy for plug
- IP65

### System Overview

The product is an external helmet camera for MPT320, which is fixed on the visor of a helmet. It can be fixed for various angles, and adjusted flexibly. With lens of large FOV, the camera can collect wider image.

### Functions

#### Wide View

With lens of large FOV, the camera can collect wider image.

#### Three-axis Fixing

Support three-axis adjustment, which is applicable to the adjustment of various installation positions and angles.

#### H.265/H.264

With advanced scene-adaptive rate control algorithm, Dahua encoding technology provides high-quality video, and reduces the cost of storage and transmission.

### Scene

The product is applicable for public security, energy, enterprise, traffic, justice, electric power, insurance, and other industries and departments.

### Technical Specification

#### Camera

Image Sensor	1/2.7" CMOS
Pixel	1080P
Electronic Shutter Speed	PAL: 1/25 s–1/100000 s NTSC: 1/30 s–1/100000 s
S/N Ratio	> 65 dB
Auto White Balance	Yes
Auto Noise Reduction	Yes

#### Lens

Lens Type	Fixed-focal
Mount Type	M8
Focal Length	3.1 mm
Iris Type	Fixed
Max. Aperture	F2.4
Field of View	H: 112°; V: 61°; D: 132°
Low Illuminance Level	0.2 Lux

#### Audio/Video

Resolution	1080p/720p
MIC	Built-in MIC
Audio Compression	G711A/AAC

#### Cable

Port	1 Type-C
Cable Length	0.9 m, spring cable can be extended up to 1.2 m

Power

Power Supply Mode	Supply power through Type-C port on MPT320 device
Power Supply	3.7V-4.35V
Power Consumption	1 W

Environmental

Operating Conditions	-30°C to +55°C (-22°F to +131°F)
Storage Conditions	-30°C to +70°C (-22°F to +158°F)
Ingress Protection	IP65

Structure

Net Weight	0.075 kg (0.2 lb)
Gross Weight	0.11 kg (0.2 lb)
Package Dimensions	90 mm × 55 mm × 107 mm (3.5" × 2.2" × 4.2") (L × W × H)
Installation	Fixed on the visor of a helmet

Dimensions (mm[inch])

