

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])

