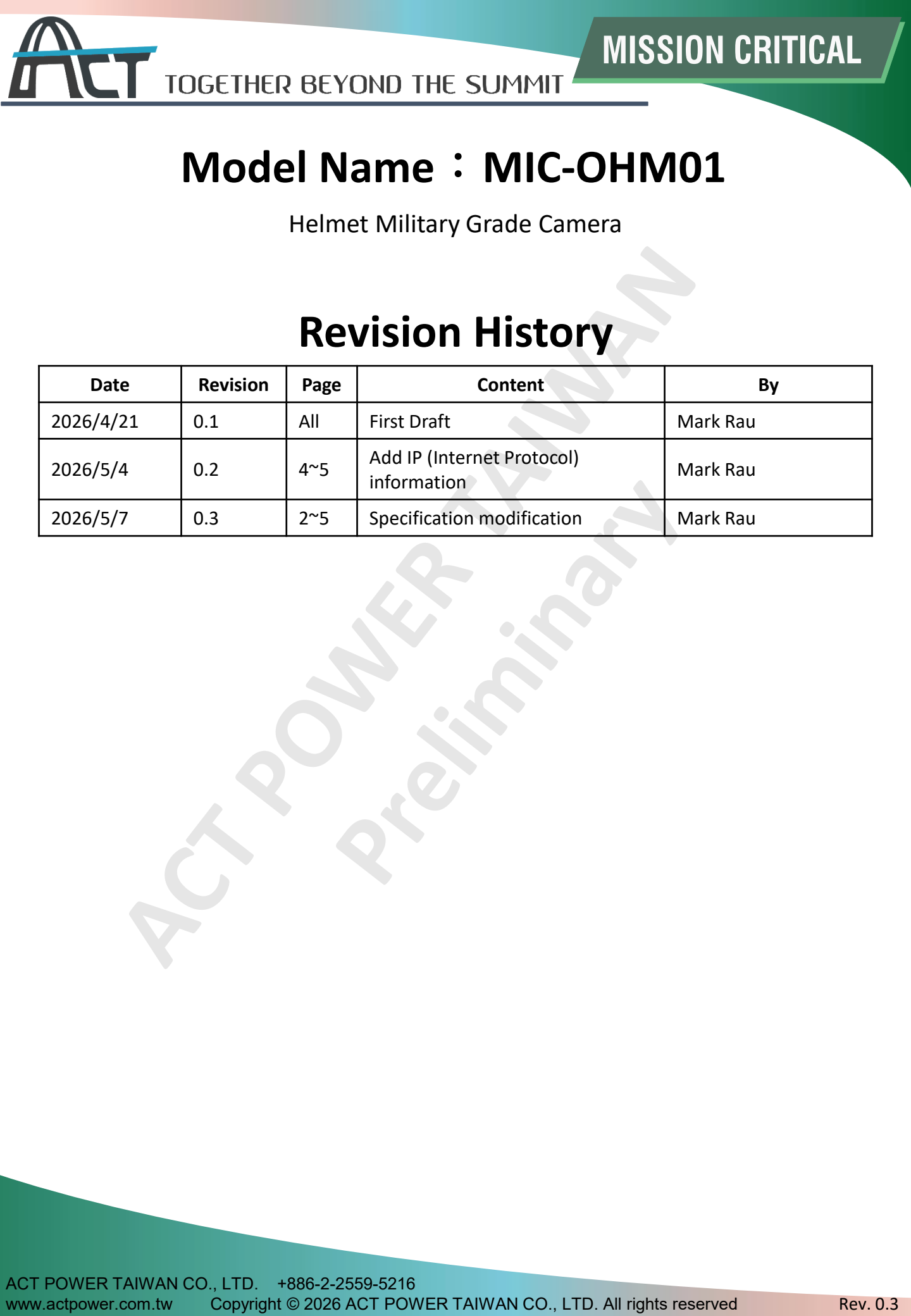




Model Name : MIC-OHM01

Helmet Military Grade Camera

Revision History

Date	Revision	Page	Content	By
2026/4/21	0.1	All	First Draft	Mark Rau
2026/5/4	0.2	4~5	Add IP (Internet Protocol) information	Mark Rau
2026/5/7	0.3	2~5	Specification modification	Mark Rau

MIC- MIC-OHM01

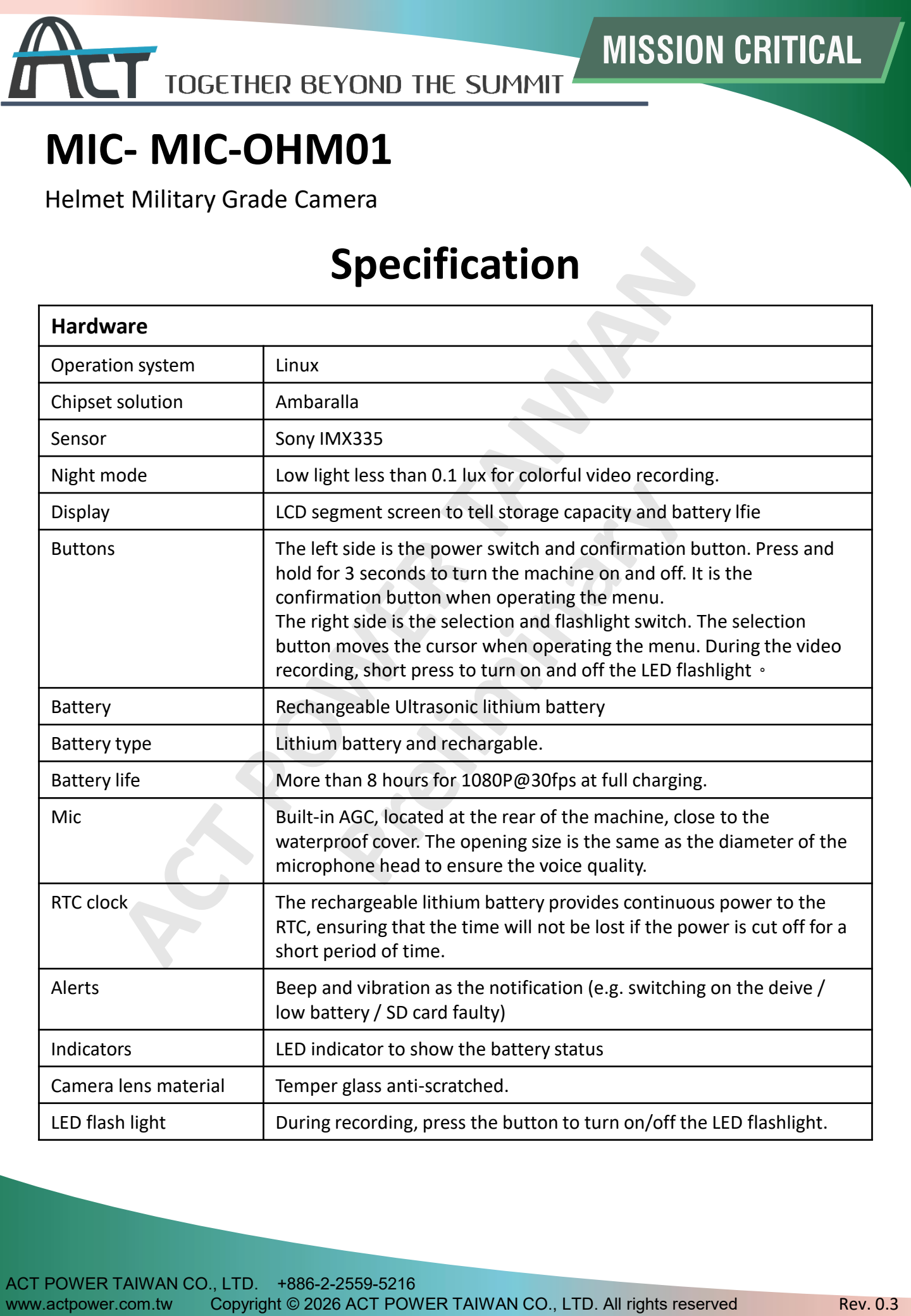
Helmet Military Grade Camera

Features

- Support Low light less than 0.1 lux for colorful video recording
- 1/2.8" Color CMOS
- Interface support USB Type-C, RJ45, DC Power
- Storage support TF SD card, Up to 512 GB
- Support IP68 Waterproof
- Support AEX-XTS-256 encryption

Appearance



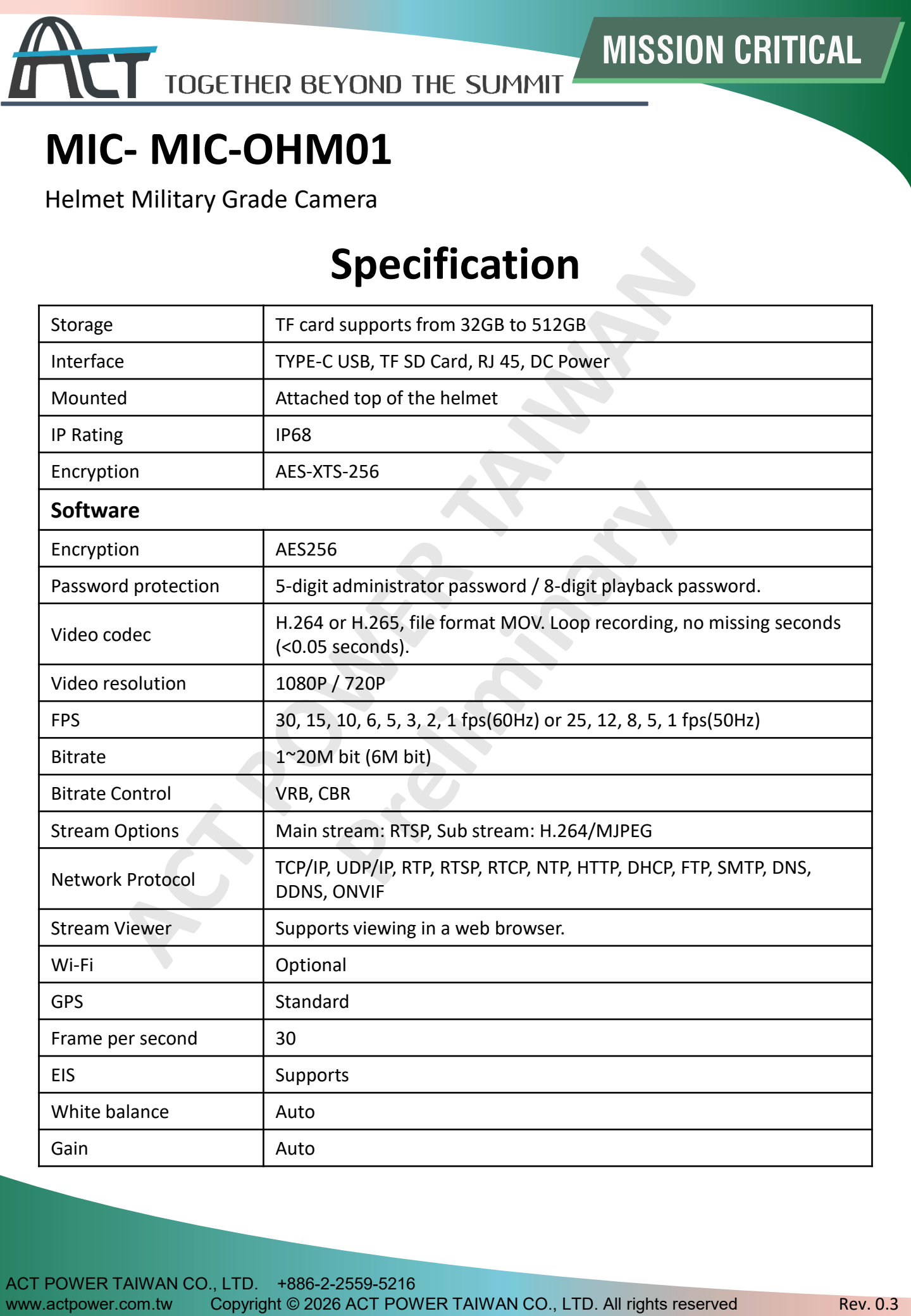


MIC- MIC-OHM01

Helmet Military Grade Camera

Specification

Hardware	
Operation system	Linux
Chipset solution	Ambaralla
Sensor	Sony IMX335
Night mode	Low light less than 0.1 lux for colorful video recording.
Display	LCD segment screen to tell storage capacity and battery lfie
Buttons	The left side is the power switch and confirmation button. Press and hold for 3 seconds to turn the machine on and off. It is the confirmation button when operating the menu. The right side is the selection and flashlight switch. The selection button moves the cursor when operating the menu. During the video recording, short press to turn on and off the LED flashlight °
Battery	Rechangeable Ultrasonic lithium battery
Battery type	Lithium battery and rechargeable.
Battery life	More than 8 hours for 1080P@30fps at full charging.
Mic	Built-in AGC, located at the rear of the machine, close to the waterproof cover. The opening size is the same as the diameter of the microphone head to ensure the voice quality.
RTC clock	The rechargeable lithium battery provides continuous power to the RTC, ensuring that the time will not be lost if the power is cut off for a short period of time.
Alerts	Beep and vibration as the notification (e.g. switching on the deive / low battery / SD card faulty)
Indicators	LED indicator to show the battery status
Camera lens material	Temper glass anti-scratched.
LED flash light	During recording, press the button to turn on/off the LED flashlight.



MIC- MIC-OHM01

Helmet Military Grade Camera

Specification

Storage	TF card supports from 32GB to 512GB
Interface	TYPE-C USB, TF SD Card, RJ 45, DC Power
Mounted	Attached top of the helmet
IP Rating	IP68
Encryption	AES-XTS-256
Software	
Encryption	AES256
Password protection	5-digit administrator password / 8-digit playback password.
Video codec	H.264 or H.265, file format MOV. Loop recording, no missing seconds (<0.05 seconds).
Video resolution	1080P / 720P
FPS	30, 15, 10, 6, 5, 3, 2, 1 fps(60Hz) or 25, 12, 8, 5, 1 fps(50Hz)
Bitrate	1~20M bit (6M bit)
Bitrate Control	VRB, CBR
Stream Options	Main stream: RTSP, Sub stream: H.264/MJPEG
Network Protocol	TCP/IP, UDP/IP, RTP, RTSP, RTCP, NTP, HTTP, DHCP, FTP, SMTP, DNS, DDNS, ONVIF
Stream Viewer	Supports viewing in a web browser.
Wi-Fi	Optional
GPS	Standard
Frame per second	30
EIS	Supports
White balance	Auto
Gain	Auto



MIC- MIC-OHM01

Helmet Military Grade Camera

Specification

Brightness	Auto
Notification	When there is no TF card or the TF card is damaged, the buzzer will sound.
LCD display language	English

Deliverables

1	Helmet Military Grade Camera
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Ordering Information

Model Name	Description	Unit
MIC- MIC-OHM01	Helmet Military Grade Camera	1

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