



MORECA
Mobile Remote-control Camera

Mobile Solar Camera Proposal

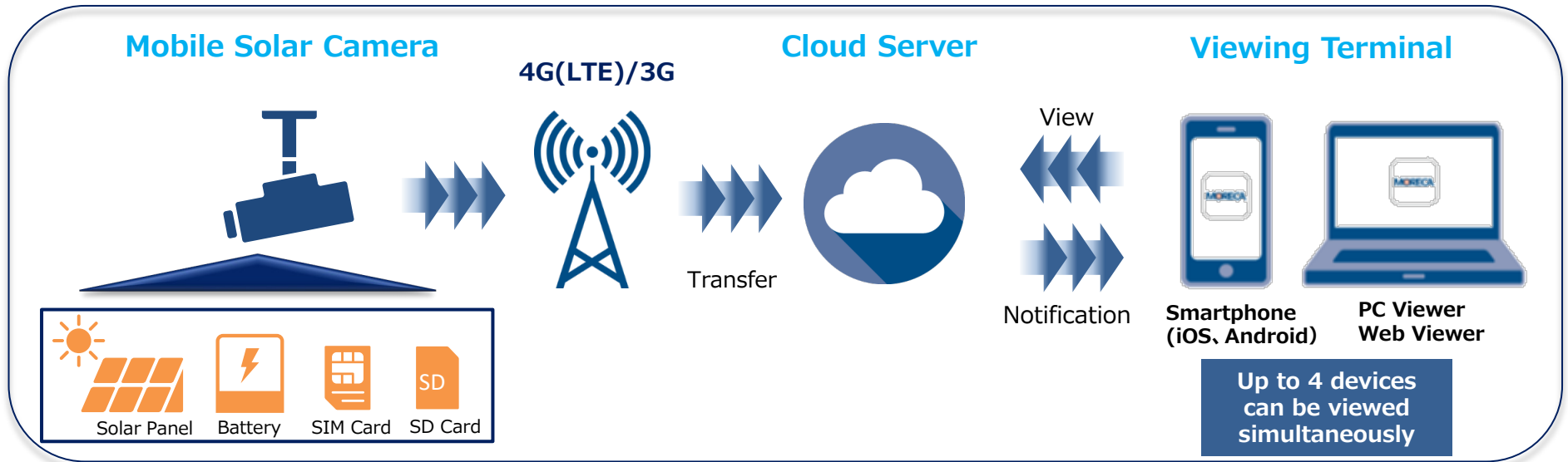
Ver.5.0e

CHO & Company Co., Ltd.

Service Overview

Our mobile solar camera supports 4G(LTE)and 3G, the camera connects easily and wirelessly to the internet over mobile networks. Independent power supply by solar panel and the battery can store and provide power for the camera

Service Image



Features

Independent power supply by solar panel

- Solar power generation
- Built-in battery
- It can last approx. 4 days with 100% charge

LTE Compatible

- MVNO available
- sXGP·BWA available
- High-definition image transfer

Wide range of services

- YouTube (service linkage)
- AI service
- Time-lapse

Functions



Live Video

VGA class (640×352), frame-rate (5fps)
※ (720×480: D1)(640×352: VGA)(320×192: QVGA) available

Recording

HD (1280×720), frame-rate (10fps)
※ (1920×1080: full HD), (1280×720: HD)(720×480: D1)(640×352: VGA: (320×192: QVGA) available

Continuous operating time

Solar panel and battery are integrated. Even if there is no solar power, this model can be operated approximately 4 days with 100% charged.

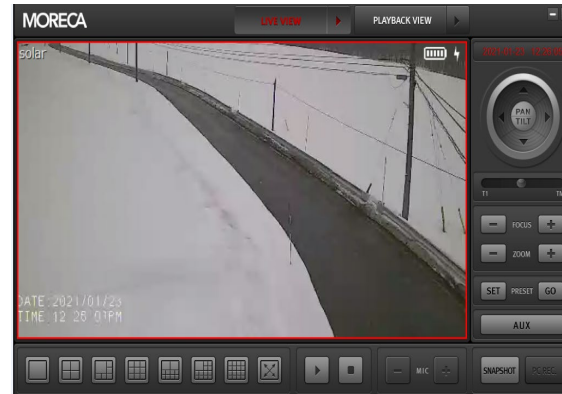
Endure extreme weather conditions

Additional solar panel can be added to generate more power if there is snow or short daytime. (Industrial SD card in use: temperature, shock resistance, and high durability)

Energy reserve mode

Built-in battery management system. Camera will stop when the remaining battery level drops to a certain point, and it will restart when it is charged and reaches a certain point (Automatic recovery function).

Features



Video Switching

Switch between live view and recorded video view

Image Quality Switching

Switch between standard definition (VGA) and high definition (HD)

Scheduled Recording

Schedule recording is available, turn on and off at designated time. You can also specify the date and time to search the specific video you want.

Snapshot

Snapshots and videos can be saved and viewed on your device.

Display multiple units

Simultaneously monitor multiple cameras.
(Dedicated viewer application supports iOS and Android)

Examples of usage

Anti-theft



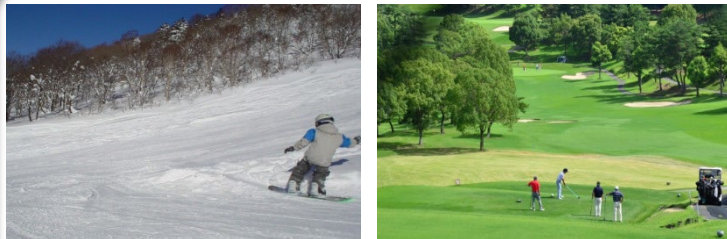
Parking lot: Vehicle accident and theft monitoring
Storage unit: Theft prevention monitoring

Temporary site



Construction site: Trespassing and safety monitoring
Event venue : Safety and accident monitoring

Leisure facility



Ski resorts: Safety monitoring
Golf course: Safety and course monitoring

Risk area of nature disasters and severe weather



Municipalities: Safety and floodplain monitoring
Railroad: Safety and floodplain monitoring

Specification



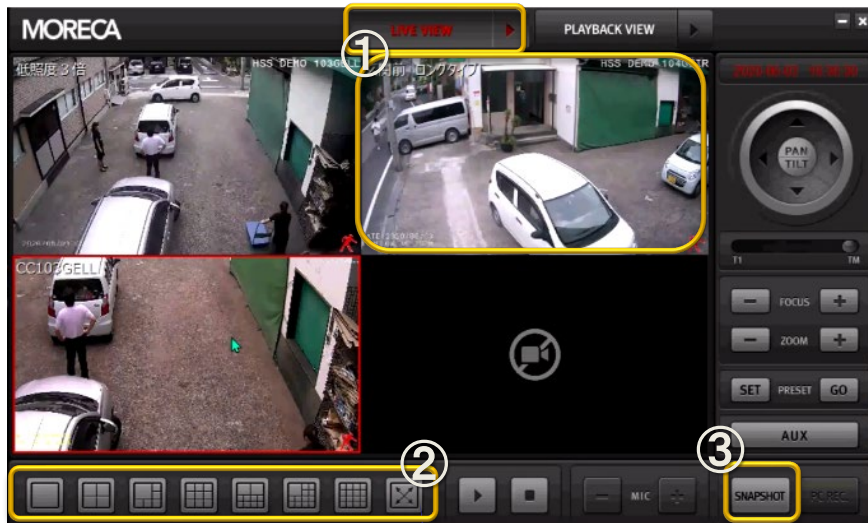
Model No.	[SUN] CC102S38W24A
Resolution & Frame Rate	H. 264 : 1920×1080 / 1280×720 / 720×480 / 640×352 / 320×192 / 1,2,3,5,6,7,8,9,10,15,20,25,30 fps
Lens	Maximum aperture ratio: F1.0 Focal Range: 6mm Angle: Horizontal 55.7°, Vertical 31.1°
Memory (SD card)	Micro 32GB (Max 256GB), Class 10 ※Approximately: 720p(1280x720)/4~8 days, D1(720x480)/8~15 days ⇒Varies by the resolution setting and the capacity of the SD card.
Solar Panel	38W/H (9.5W x 4 panels = 38W) ※ETFE (Ethylene Tetrafluoroethylene)
Battery	288W (LiFePO 4, 12V, 24A)
Batter protection	OVP (Over Voltage Protection), OCP (Over Current Protection), SCP (Short Circuit Protection)
Power consumption	12V, Max 3W
Size	560mm(L) × 389mm(W) × 153mm(H)
Weight	10.0Kg (Battery included – 2.5Kg) ※Does not include the mount
IP Rating	IP66
Operating temperature	-20°C ~ 60°C
Operating humidity	0 ~ 90% RH (non-condensing)

Video Viewer

PC version

※Microsoft Windows 10/8/7/Vista/XP/2000 (Optimized for IE11)

①Live View



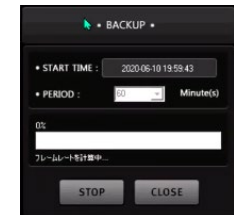
- ① Double-click to enlarge. Switch to high-quality mode from the right-click menu
- ② Split view mode
- ③ Backup



Support multi-view
(Up to 16 screens)



- ① Video playback
- ② Play & Stop buttons
- ③ Video speed
- ④ Snapshot
- ⑤ Backup
- ⑥ Search by date



※Depending on your environment, you may need to open the port to connect to the server.

THANK YOU

Inquiry about **MORECA**

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