

# DVR - Recorder



| VDR-M4CS                |                                                                                                     |
|-------------------------|-----------------------------------------------------------------------------------------------------|
| Video Input Channel     | 4CH BNC (AHD / TVI / CVI)                                                                           |
| Video Output Resolution | 1920x1080, 1440x900, 1280x1024, 1280x720, 1024x768                                                  |
| Record Resolution       | 2560x1440, 2560x720, 1920x1080, 1920x540, 960x540, 1280x720                                         |
| Record Max. Speed       | 120fps @ 720P, 60fps @ 1080P, 30fps @ QHD (NTSC)<br>100fps @ 720P, 50fps @ 1080P, 25fps @ QHD (PAL) |
| Record Frame            | 1, 2, 3, 4, 5, 6, 8, 10, 15, 30 (10 steps)                                                          |
| Record Mode             | Continuous, Cont.+event, Event (Sensor, Motion), Manual, Schedule                                   |
| Storage Type            | M.2 SSD / Micro SD                                                                                  |
| Storage Mode            | Extension / Mirroring                                                                               |
| Storage Mirroring       | M.2 SSD & Micro SD                                                                                  |
| Storage File Format     | M.2 SSD(EXT4) / Micro SD(exFAT)                                                                     |
| Search                  | Quick, Calendar, Bookmark, Event, USB                                                               |
| Playback Speed          | Playback Speed (x1, x2, x4, x8x 16, x32, x64, x128, x256), Slow speed(x1/4, x1/2)                   |
| I/O Sensor              | 4 Channels (NO / NC)                                                                                |
| I/O Relay               | 1 Channel                                                                                           |
| I/O PTZ                 | RS-485                                                                                              |
| Audio                   | Input 1CH, Output 1CH                                                                               |
| USB                     | 2 port(USB2.0)                                                                                      |
| Network Speed           | 10/100 Base-Tx                                                                                      |
| Network Device          | Static, DHCP, Auto UPNP, DDNS service                                                               |
| Motion Detection        | 16x12 (Detection Area), 16 Steps (Sensitivity)                                                      |
| Backup                  | USB, network (AVI, HAV)                                                                             |
| Account                 | Admin / user                                                                                        |
| S/W upgrade             | USB, network                                                                                        |
| Power Input             | DC 12V                                                                                              |
| Power Consumption       | 500mA                                                                                               |
| Operation Temperature   | 0 °C – 60 °C, 20% RH – 80% RH                                                                       |
| Size                    | 176 mm (W) x 98 mm (D) x 40 mm (H)                                                                  |
| Weight                  | 500 g                                                                                               |

## CORE ADVANTAGES

- Supports Recording up to 5MP Resolution
- Supports Various Storage Media (M.2 SSD / Micro SD Card)
- Dual Recording Function (Supports Mirroring Function)
- Direct Video Playback on PC from SD card
- Low-Power Design (Solar Power System Compatible)
- Supports 4 Sensor Inputs and 1 Relay Output
- Remote Transmission of Event Videos (via FTP and E-mail)
- Audio and Sound Alarm Output
- Supports Audio Input/Output
- GPS Time Synchronization (Optional GPS Receiver Required)
- Real-Time Push Notifications to Smartphone
- CMS Integration (100% Compatible with Mac & Windows)
- EMS S/W integration (Supports monitoring and management of up to 300 sites)
- Supports up to 256-Channel CMS
- Supports management and monitoring of up to 1,024 channels via VMU
- Supports iOS/Android Smartphone Apps
- Applications - Vehicle Recorder / Road Security / Access Control

## DIMENSIONS

