

# CKANPLUS Product Catalog

Model name: *CAF-500R-DC*



## Key Specifications:

| Category | Item                                | Specification                                                                  |
|----------|-------------------------------------|--------------------------------------------------------------------------------|
| System   | System Processor                    | Embedded Linux architecture, A7 1GHz processor, 0.5T computing power           |
|          | Image Sensor (Option)               | 1/1.8" low illumination CMOS sensor                                            |
| Image    | Streams                             | Dual stream                                                                    |
|          | Main Stream Frame Rate & Resolution | 25fps: 2880*1620 (default), 2560*1440, 2304*1296, 1920*1080                    |
|          | Sub Stream Frame Rate & Resolution  | 25fps: 720*576, 720*480, 704*576 (default), 640*360, 640*480, 512*288, 352*288 |
|          | Effective Pixels                    | 5 Megapixels                                                                   |
|          | Video Compression Standard          | H.265 (default)/H.264                                                          |
|          | Main Stream:                        | Main stream: 256~8192Kbps; Default: 3072Kbps                                   |
|          | Sub Stream :                        | Sub stream: 68~1024Kbps; Default: 682Kbps                                      |
|          | Wide Dynamic Range                  | Digital WDR                                                                    |

|                     |                          |                                                                                                                   |
|---------------------|--------------------------|-------------------------------------------------------------------------------------------------------------------|
|                     | Sync Mode                | Internal synchronization                                                                                          |
|                     | Signal-to-Noise Ratio    | 47.8dB                                                                                                            |
|                     | Minimum Illumination     | 0.0002Lux                                                                                                         |
| Supplementary Light | Light Adjustment         | Adaptive brightness adjustment                                                                                    |
|                     | Light Modes              | Infrared, Warm light, Smart dual-light (default), Light off                                                       |
| Image Processing    | Image Style              | Standard, Soft, Transparent                                                                                       |
|                     | Day/Night Mode Switching | Auto switch, Timed switch, Day mode, Night mode                                                                   |
|                     | Image Adjustment         | Supports contrast, brightness, saturation, sharpness adjustment                                                   |
|                     | Exposure Settings        | Automatic                                                                                                         |
|                     | Image Enhancement        | Digital 3D noise reduction, Defog                                                                                 |
| Audio               | Audio Stream             | Enabled by default; supports disable                                                                              |
|                     | Encoding Format          | G711A (default)/G711U                                                                                             |
| Network             | Concurrent Streams       | Client supports up to 16 streams                                                                                  |
|                     | Browser Support          | IE8+, Chrome18+, Firefox5.0+, Safari5.02+; Supports English and Chinese                                           |
|                     | API Protocols            | Standard ONVIF, GB28181, Public Cloud                                                                             |
|                     | Network Protocols        | Standard HTTP, TCP/IP, ICMP, RTSP, RTP, UDP, RTCP, SMTP, DHCP, DNS                                                |
|                     | Connection Method        | Wired                                                                                                             |
| Interfaces          | Audio                    | 1 built-in MIC, 1 built-in speaker                                                                                |
|                     | Network                  | 1 RJ45 10M/100M adaptive Ethernet port                                                                            |
|                     | Storage                  | SD card not supported                                                                                             |
| Intelligence        | Smart Events             | Supports motion detection (human shape), region intrusion, tripwire detection, defocus detection, video tampering |
| General             | User Management          | Up to 12 users, 3-level permissions: Admin, Normal user, Visitor                                                  |
|                     | General Functions        | Time config, OSD config, Privacy masking, Log management, Tamper alarm, Defocus detection                         |

|  |                                |                                            |
|--|--------------------------------|--------------------------------------------|
|  | Alarm Linkage                  | Email alert, Client alarm, Mobile app push |
|  | Factory Reset                  | Browser reset, App reset                   |
|  | Operating Temperature/Humidity | -20°C to +60°C; 10% to 90%                 |
|  | Power Supply                   | DC12V                                      |
|  | Board Size                     | 38*38 mm                                   |