



# DDK-1800D

## 3 Megapixel All-Weather Day/Night IP Dome



### Key Features & Benefits

- 3M Sony IMX036 CMOS Sensor
- TI TMS320DM368 digital media processor
- Wide Dynamic Range
- Triple Codec H.264/MPEG4, and MJPEG video compression
- Three Video Profiles
- Two-way audio
- Advanced motion detection (512 zones)
- Built-in SD / SDHC card slot
- ONVIF Compliant
- PoE (IEEE 802.3af)
- IP-66 outdoor rated
- IR illumination

### Technical Specifications

<b>Image sensor</b>	1/2.7 2M CMOS
<b>Lens</b>	3-9 mm Vari-focal Auto Iris
<b>Minimum illumination</b>	Color: 0.2 Lux @ F1.2.; B/W: 0.01 lux@F1.2.
<b>Day/Night</b>	IR cut filter, IR LED x 18, 20 Meters
<b>WDR</b>	100dB, 9 levels
<b>Video Compression</b>	H.264 / MPEG4 / MJPEG
<b>Resolution</b>	2048 x 1536, 1080P (1920 x 1080), 720P (1280x720), VGA (640x480), QVGA (320x240), QQVGA (160x120)
<b>Profiles</b>	3
<b>Frame Rate</b>	Single profile: 30FPS (1920 x 1080) Multiple profile: 20FPS (1920 x 1080)
<b>Image Settings</b>	AGC, Exposure Time, Mirror, Flip, White Balance, Brightness, Contrast, Saturation, Sharpness, Privacy masks
<b>Audio streaming</b>	Two-way
<b>Audio I/O</b>	1 x input / 1 x output (3.5mm)
<b>Security</b>	Multi-level password protection, IP address filtering, HTTPS encryption, User access log
<b>Protocols</b>	IPv4, HTTPS, HTTP, TCP, UDP, RTP/RTCP/ RTSP, DHCP, NTP, FTP, SMTP, UPnP, ICMP, ARP, DDNS, PPPoE, SAMBA

<b>Recording</b>	SD card, SAMBA, FTP, Pre-alarm recording Advanced motion: (512 zones)
<b>Trigger</b>	Motion detection, Schedule, Alarm input, Ethernet loss, Network/Remote digital alarm input
<b>Notification</b>	SD card recording, SMTP, FTP, HTTP, alarm output
<b>RJ-45</b>	10BASE-T/100BASE-TX
<b>Digital I / O</b>	Push-in: 2 x digital input / 2 x digital output 1 x DC output(12V DC) / 1 x ground
<b>Earphone jack</b>	2 x 3.5 mm, 1 in/1 out
<b>Local storage device</b>	SD / SDHC card slot
<b>Power</b>	- DC 12V (DC power jack) Approx. 4.8 W. - AC 24V (2pin terminal block) Approx. 6 W. - PoE: Approx. 6 W, IEEE 802.3af compliant class 2
<b>Outdoor</b>	IP66, Vandal Resistant
<b>Processor</b>	TMS320DM368
<b>OS</b>	Linux 2.6 kernel
<b>Approvals</b>	CE, FCC, RoHS, IP-66, IK-10, C-Tick
<b>Dimensions</b>	4.84 (H) x 5.91 (W)