

ADkit 3.0 - ADAS and DSM whit CA20S camera and R-Watch

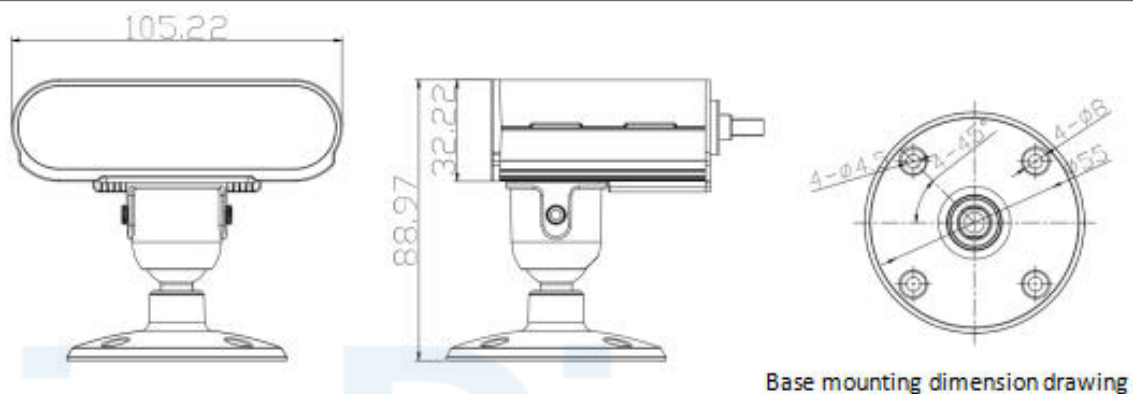


DSM Camera: Resolution: 1280* 800@ 20fps
 Supporting driver fatigue alarm;
 Supporting ADAS alarm;
 With its precise acquisition function, it can adapt to the driver's wearing of near-sighted glasses and sunglasses. It can work under all weather conditions, independent of ambient light, effectively shooting and checking the driver's fatigue status;
 Supporting offline face comparison function
 Built-in MIC supporting audio input
 Supporting external one-way AHD video input
 Supporting PON (DC12V) power input interface
 Typical application: AD smart set

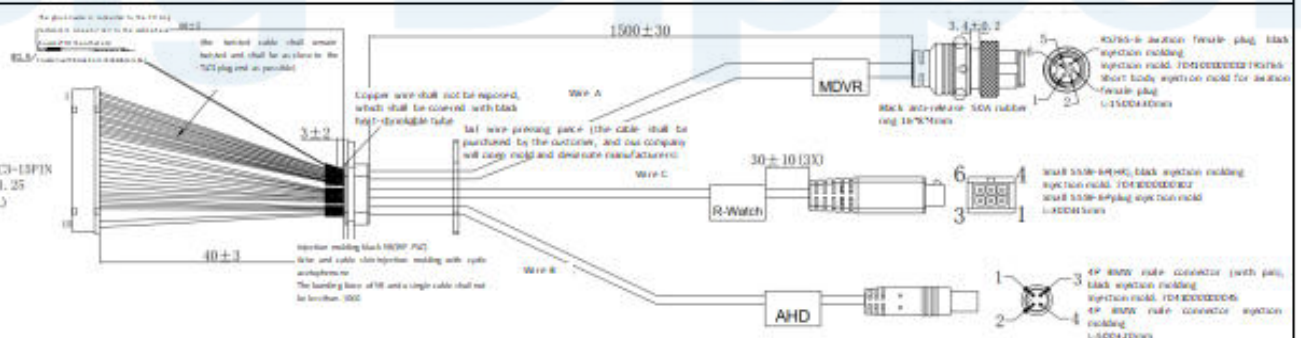
Product Model	ADkit 3.0
Imaging Device	1/4 1.0Mp CMOS Sensor with Global Shutter
Effective pixels	1280(H)x800(V)
Minimum illumination	0Lux (IR lamp fill light)
Shutter speed	Automatic exposure
Backlight compensation	Support
Signal-to-noise ratio (S/N)	≥38dB
Supplementary light	940nm IR lamp fill light
Lens	4mm, M12 fixed aperture F1.4
FOV	4mm=H*V 51°*32°
Video Compression Standards	Support H.264, H.265, default H.264
Compressed Output Bit Rate	DMS channel: 512Kbps-6Mbps AHD channel: 512Kbps-8Mbps
Image Resolution	Main stream: 800P@20fps
	Sub stream: VGA/D1/CIF @ 10FPS Default: VGA 15FPS
	Network upload stream: Dynamic (adaptive)
Stream control	Support CBR/VBR, default: VBR
Audio compression standard	ADPCM, G711A, G711U, G726, default: G711A
Network Interface	10M/100M Adaptive Ethernet Network Port
Audio Input	Built-in MIC with pickup distance of 3 meters
Network Protocols	TCP/IP, HTTP, DHCP, NTP, FTP

N9M	Support
Client Preview	Built-in WEB Server supporting IE browser access
Adjustable angle	Universal joint adjustment
Installation Mode	Table top installation
Temperature	-40℃-- + 70℃
Humidity	0% - 90%
Power supply	PON (DC9-16V)
IP Rating	IP30
Power	Normal working condition < 5.5W
Dimension	105.22mm×70mm×88.97mm

Product structure



Standard tail line definition



Typical application

