



Product Model	WDM-U16-M2	WDM-U16-M2D	WDM-U16-M5D	WDM-U16-M8
Resolution	2MP	2MP WDR	5MP WDR	8MP
Sensor	1/2.9" GC2053	1/2.7" PS5268	1/2.7" PS5520	Sony 1/3.2" IMX179
Focus Type	FF/ MF(Manual Focus)	FF/MF	AF/ FF/ MF	FF/AF/MF
Lens Size	3.6mm (Standard/No distortion lens, 2.1/2.5/2.8/4/6mm for optional)	3.6mm (Standard/No distortion lens, 2.1/2.5/2.8/4/6mm for optional)	3.6mm (Standard/No distortion lens, 2.1/2.5/2.8/4/6mm for optional)	3.6mm (Standard/No distortion lens, 2.1/2.5/2.8/4/6mm for optional)
Pixel Size	2.8um x2.8um	3.0um x3.0um	2.2um x2.2um	1.4um x1.4um
Max resolution	1920(H)X1080(V)	1920(H)X1080(V)	2592(H) x 1944(V)	3264(H)X2448(V)
Output image format	MJPEG /YUY2	MJPEG /YUY2	MJPEG /YUY2	MJPEG /YUY2
Frame Rate	1920*1080@30fps;1280×720@30fps; 640*480@30fps.	1920*1080@30fps;1280×720@30fps; 640*480@30fps. ;	5MP: 2592x1944 HDR @ 30fps 4MP: 2560x1440 HDR @ 30fps 2K2K:1944x1944 HDR @ 30fps 1080p:1920x1080 HDR @ 45fps	3264X2448@15fps;2592X1944@15fps; 2048X1536@15fps;1920x1080@30fps; 1600x1200@30fps;1280x720@30fps;800x600@30fps;640x480@30fps.
Dynamic Range	/	85dB	85dB	/
USB Protocol	USB2.0(FS)	USB2.0(FS)	USB2.0(FS)	USB2.0(FS)
Support OTG Protocol	Support	Support	Support	Support
Support free drive protocol	USB Video Class(UVC)	USB Video Class(UVC)	USB Video Class(UVC)	USB Video Class(UVC)
Interface Type	USB2.0/OTG/Type-c	USB2.0/OTG/Type-c	USB2.0/OTG/Type-c	USB2.0/OTG/Type-c
Automatic Exposure Control (AEC)	Support	Support	Support	Support
AEB	Support	Support	Support	Support
AGC	Support	Support	Support	Support
Adjustable Parameter	Brightness, contrast, color saturation, hue clarity; Gamma White Balance Backlight Contrast Exposure	Brightness, contrast, color saturation, hue clarity; Gamma White Balance Backlight Contrast Exposure	Brightness, contrast, color saturation, hue clarity; Gamma White Balance Backlight Contrast Exposure	Brightness, contrast, color saturation, hue clarity; Gamma White Balance Backlight Contrast Exposure
Night Vision Function	No	No	No	No
Audio	Support	Support	Support	Support
Power Method	USB BUS	USB BUS	USB BUS	USB BUS
Working Voltage	DC 5V	DC 5V	DC 5V	DC 5V
Working current	100mA±10%	100mA±10%	100mA±10%	100mA±10%
Stable Image temperature	0~60℃	0~60℃	0~60℃	0~60℃
Operating temperature:	-20~80℃	-20~75℃	-30~75℃	-20~75℃
Cable Length:	2m standard / 3m or 5m for optional / Customized	2m standard / 3m or 5m for optional / Customized	2m standard / 3m or 5m for optional / Customized	2m standard / 3m or 5m for optional / Customized
Supported System:	WinXP/Vista/Win7/Win8; Linux with UVC (above linux-2.6.26); MAC-OS X 10.4.8 or later; Wince with UVC; Android 4.0 or above with UVC.	WinXP/Vista/Win7/Win8; Linux with UVC (above linux-2.6.26); MAC-OS X 10.4.8 or later; Wince with UVC; Android 4.0 or above with UVC.	WinXP/Vista/Win7/Win8; Linux with UVC (above linux-2.6.26); MAC-OS X 10.4.8 or later; Wince with UVC; Android 4.0 or above with UVC.	WinXP/Vista/Win7/Win8; Linux with UVC (above linux-2.6.26); MAC-OS X 10.4.8 or later; Wince with UVC; Android 4.0 or above with UVC.
Features:	Super mini size Super light Different angle lens optional 1080P high resolution, image quality is brighter and clearer			
Application	1. Inspecting industrial equipments 2. Assisting medical treatment 3. CCTV 4. Video teaching 5. Vehicle video applications			