

# AHD Fixed Varifocal WDR Box Camera





## TMT GLOBAL 2,3,4,5,4K/8 MP TRUE WDR AHD Box Camera

### Features

- Long-reach Transmission
- 1/2.8" High Sensitivity Sensor
- C / CS Mount Lens
- Day & Night (ICR : True Day & Night Optional)
- Sens-up 30x
- 2D-NR & 3D-NR
- WDR & De-Fog
- AGC, ATW, BLC Privacy Mask, Motion Detection
- Live DPC (Dead Pixel Compensation)
- OSD Menu Control

### Specification

Model no	TMT-4678	TMT-4675	TMT-4674	TMT-4673	TMT-7100
Camera Type	AHD WDR ( Analog High Definition Camera				
Effective Pixels	4K/8.0 Mega Pixels	5.0 Mega Pixels	4.0 Mega Pixels	3.0 Mega Pixels	2.0 Mega Pixels
Image Sensor	1/2.8" SONY CMOS Sensor	1/2.8" SONY CMOS Sensor	1/2.8" SONY CMOS Sensor	1/2.8" SONY CMOS Sensor	1/2.8" SONY CMOS Sensor
Min. Illumination	Color 0.1Lux@F1.2 B/W 0.01 Lux@F1.2	Color 0.1Lux@F1.2 B/W 0.01 Lux@F1.2	Color 0.1Lux@F1.2 B/W 0.01 Lux@F1.2	Color 0.1Lux@F1.2 B/W 0.01 Lux@F1.2	Color 0.1Lux@F1.2 B/W 0.01 Lux@F1.2
S/N Ratio	120dB				
Scan Mode	Progressive				
Lens	C/CS Mount lens				
OSD Control	Built-in				
Shutter Speed	Auto / Manual [1/50(60)sec ~ 1/50,000sec], X30				
AGC	OFF / 0 ~ 15				
Sens-up	OFF / X2 ~ X30				
<b>WDR</b>	OFF / 0 ~ 8				
De-Fog	OFF / AUTO				
Back Light	OFF / BLC / HSBL				
White Balance	ATW / AWC / INDOOR / OUTDOOR / MANUAL / AWB				
Day & Night	AUTO / COLOR / BW / EXT				
2D-NR	HIGH / MIDDLE / LOW / OFF				
3D-NR	HIGH / MIDDLE / LOW / OFF				
Freeze	ON / OFF				
Mirror	OFF / MIRROR / V-FLIP / ROTATE				
Motion Detection	4 Zones				
Sharpness	0 ~ 10 Steps				
Multi Language	English / Russian / German / French / Italian / Spanish / Polish / Portuguese / Dutch / Turkish				
Power Input	DC12V ±10%				
Operation Temperature / Humidity	-40°C ~ 85°C / 30% ~ 80% RH				
Storage Temperature / Humidity	-50°C ~ 105°C / 20% ~ 90% RH				
Dimension	119.6mm x 65mm x 60mm				
Dimension	119.6mm x 65mm x 60mm				
Weight	About 300g				

### ORDERING INFORMATION

Model No	Product ID	Description
TMT-7100	TMT-02ANV47XF	2MP AHD Fixed Varifocal WDR Box Camera
TMT-4673	TMT-03ANV47XF	3MP AHD Fixed Varifocal WDR Box Camera
TMT-4674	TMT-04ANV47XF	4MP AHD Fixed Varifocal WDR Box Camera
TMT-4675	TMT-05ANV47XF	5MP AHD Fixed Varifocal WDR Box Camera
TMT-4678	TMT-08ANV47XF	8MP AHD Fixed Varifocal WDR Box Camera

# 2MP Network Varifocal Fixed WDR BOX Camera





## TMT GLOBAL 2 MP IP Box Camera 6mm-55mm Lens

### Feature

- Embedded Linux System
- H.264,H.265 Video Compression,
- Full HD Resolution 1920\*1080
- Motorized Lens ( Auto Focus ) 2-12mm
- IP66 Rating indoor/outdoor

### Specification

Camera Type		WDR IP BOX Camera		
System		Embedded RTOS design		
Camera	Effective Pixels	<b>2.0 Mega pixels</b>	Main stream:1920*1080;1280*720	Sub stream:704*576
	Frames Rates	PAL:25fps(1920*1080)/(1280*720)	NTSC:30fps(1920*1080)/(1280*720)	
	Image Sensor	1/2.8" SONY CMOS Sensor	2.13 megapixel resolution (1945H*1097V)	
	DSP	Dual core 32-bit DSP	(Hi3516C)	
	Min. Illumination	Color 0.01Lux@F1.2	B/W 0.01 Lux@F1.2	
	Adjust Parameters	DWDR,BLC,DNR,AE,AGC,D&N,Mirror,Flip,etc .		
Video	Compression	H.265/H.264 Main profile	Stream	support dual stream, AVI format
	Bit Rate	support 0.1M ~8Mbps bit rate adjustable	Frame Rates	support 1~30fps adjust
Audio	Input and output	1ch input( micro phone),1ch output( Speaker & micro phone) Optional		
	Compression	G.711 compression, support two-way audio intercom, support audio and video synchronized output		
Alarm	Types	Motion Detection, Video Blind , Video Loss		
Network	WEB Browser	Support WEB remote config( IE, Safari, Google Chrome, Firefox etc.)		
	Smart Phone	mobile remote Monitoring (iPhone, Android,....)		
	CMS Software	Uniform CMS Software(multiple devices management system)		
	Cloud P2P	<a href="http://WWW.TMTGLOBAL.CO.UK">WWW.TMTGLOBAL.CO.UK</a> TMTEYE platform		
	Network	1*RJ45,10/100M,Support RTSP/FTP/PPPOE/DHCP/DDNS/NTP/UPnP/SMTP		
General	ONVIF	Support (ONVIF 2.4)	POE	Support(optional)
	Language	20 kinds of languages such as English, Finnish, French, German, Greek, Italian, Japanese, Polish, Portuguese, Russian, Spanish, Thai, S-Chinese, T-Chinese and Turkish		
	IR Cut Filter	Set of double light switch IR-CUT filter	Lens Mount	Varifocal Lens 6-55mm
	I/O Connector	1*DC Connector ,1* RJ45(10/100M Network)	Supplied Voltage	DC12V/POE(802.3af/820.3at)
	Power Consumption	IR On: 600mA max., IR Off: Less than 200mA		
	Working Environment	-10°C~+60°C, 10%~90% ( Built in Heater being optional added for environment lower than -20° )		
Weight	1.5kg			

### Ordering Information

Model	Product code	Description
<b>TMT-4112</b>	TMT-02NNV47XF	2MP Network Varifocal Fixed WDR Box Camera

# 3MP Network Varifocal Fixed WDR BOX Camera





## TMT GLOBAL 3 MP IP Box Camera 6mm-55mm Lens

### Feature

- Embedded Linux System
- H.264,H.265 Video Compression,
- Resolution 2046\*1536
- Motorized Lens ( Auto Focus ) 2-12mm
- IP66 Rating indoor/outdoor

### Specification

Camera Type		WDR IP BOX Camera			
System		Embedded RTOS design			
Camera	Effective Pixels	<b>3.0 Mega pixels</b>	Main stream:2046*1536	Sub stream:704*576	
	Frames Rates	PAL:25fps(2046*1536)	NTSC:30fps(2046*1536)		
	Image Sensor	1/2.8" SONY APTINA CMOS Sensor	3 megapixel resolution (2046H*1536V)		
	DSP	Dual core 32-bit DSP	(Hi3516C)		
	Min. Illumination	Color 0.01Lux@F1.2	B/W 0.001 Lux@F1.2		
	Adjust Parameters	DWDR, BLC,DNR,AE,AGC,D & N,Mirror,Flip,etc.			
Video	Compression	H.265/H.264 Main profile	Stream	support dual stream, AVI format	
	Bit Rate	support 0.1M ~8Mbps bit rate adjustable	Frame Rates	support 1~30fps adjust	
Audio	Input and output	1ch input( micro phone),1ch output( Speaker & micro phone) Optional			
	Compression	G.711 compression, support two-way audio intercom, support audio and video synchronized output			
Alarm	Types	Motion Detection, Video Blind , Video Loss			
Network	WEB Browser	Support WEB remote config.( IE, Safari, Google Chrome, Firefox etc.)			
	Smart Phone	mobile remote Monitoring (iPhone, Android,....)			
	CMS Software	Uniform CMS Software(multiple devices management system)			
	Cloud P2P	<a href="http://www.tmtglobal.co.uk">www.tmtglobal.co.uk</a> .TMTEYE platform			
	Network	1x RJ45,10/100M,Support RTSP/FTP/PPPOE/DHCP/DDNS/NTP/UPnP/SMTP			
General	ONVIF	Support (ONVIF 2.6)	POE	Support(optional)	
	Language	20 kinds of languages such as English, Finnish, French, German, Greek, Italian, Japanese, Polish, Portuguese, Russian, Spanish, Thai, and Turkish			
	IR Cut Filter	Set of double light switch IR-CUT filter	Lens Mount	Varifocal Lens 6-55mm	
	I/O Connector	1*DC Connector ,1* RJ45(10/100M Network)	Supplied Voltage	DC12V/POE(802.3af/820.3at)	
	Power Consumption	IR On: 600mA max., IR Off: Less than 200mA			
	Working Environment	-10°C~+60°C, 10%~90% ( Built in Heater being optional added for environment lower than -20° )			
Weight	1.5kg				

### Ordering Information

Model	Product code	Description
<b>TMT-4113</b>	TMT-03NNV47XF	3MP Network Varifocal Fixed WDR Box Camera

# 4MP Network Varifocal Fixed WDR BOX Camera







## TMT GLOBAL 4MP IP Box Camera 6mm-55mm Lens

### Feature

- Embedded Linux System
- H.264,H.265 Video Compression,
- Resolution 2592\*1520
- Motorized Lens ( Auto Focus ) 2-12mm
- IP66 Rating indoor/outdoor

### Specification

Camera Type		WDR IP BOX Camera		
System		Embedded RTOS design		
Camera	Effective Pixels	<b>4.0 Mega Pixels</b>	Main stream:2592*1520	Sub stream:704*576
	Frames Rates	PAL:20fps(2592*1520)	NTSC:20fps(2592*1520)	
	Image Sensor	1/3" OV4689 CMOS Sensor	4 Megapixel resolution (2688H*1520V)	
	DSP	Dual core 32-bit DSP	(HI3516D)	
	Min. Illumination	Color 0.001Lux@F1.2	B/W 0.0001 Lux@F1.2	
	Adjust Parameters	DWDR, BLC, DNR, AE, AGC, D&N, Mirror, Flip, etc.		
Video	Compression	H.265 Main profile	Stream	support dual stream, AVI format
	Bit Rate	support 0.1M ~8Mbps bit rate adjustable	Frame Rates	support 1~30fps adjust
Audio	Input and output	1ch input( microphone),1ch output( Speaker & microphone) Optional		
	Compression	G.711 compression, support two-way audio intercom, support audio and video synchronized output		
Alarm	Types	Motion Detection, Video Blind , Video Loss		
Network	WEB Browser	Support WEB remote config ( IE, Safari, Google Chrome, Firefox etc.)		
	Smart Phone	mobile remote Monitoring (iPhone, Android,....)		
	CMS Software	Uniform CMS Software(multiple devices management system)		
	Cloud P2P	<a href="http://WWW.TMTGLOBAL.CO.UK">WWW.TMTGLOBAL.CO.UK</a> TMTEYE platform		
	Network	1 x RJ45,10/100M,Support RTSP/FTP/PPPOE/DHCP/DDNS/NTP/UPnP/SMTP		
General	ONVIF	Support (ONVIF 2.4)	POE	Support(optional)
	Language	20 kinds of languages such as English, Finnish, French, German, Greek, Italian, Japanese, Polish, Portuguese, Russian, Spanish, Thai, S-Chinese, T-Chinese and Turkish		
	IR Cut Filter	Set of double light switch IR-CUT filter	Lens Mount	Varifocal Lens 6-55mm
	I/O Connector	1*DC Connector ,1* RJ45(10/100M Network)	Supplied Voltage	DC12V/POE(802.3af/820.3at)
	Power Consumption	IR On: 600mA max., IR Off: Less than 200mA		
	Working Environment	-10°C~+60°C, 10%~90% ( Built in Heater being optional added for enviroment lower than -20° )		
Weight	1.5kg			

### Ordering Information

Model	Product code	Description
<b>TMT-4114</b>	TMT-04NNV47XF	4MP Network Varifocal Fixed WDR Box Camera



# 5MP Network Varifocal Fixed WDR BOX Camera





## TMT GLOBAL 5MP IP Box Camera 6mm-55mm Lens

### Feature

- Embedded Linux System
- H.264,H.265 Video Compression,
- Resolution 2592\*1944
- Motorized Lens ( Auto Focus ) 2-12mm
- IP66 Rating indoor/outdoor

### Specification

Camera Type		WDR IP BOX Camera		
System		Embedded RTOS design		
Camera	Effective Pixels	<b>5.0 Mega pixels</b>	Main stream:2592*1944	Sub stream:704*576
	Frames Rates	PAL: 15fps(2592*1944)	NTSC: 15fps(2592*1944)	
	Image Sensor	1/ 2.8" Sony CMOS Sensor	5 Megapixel resolution (3072H*2048V)	
	DSP	Dual core 32-bit DSP	(HI3516E)	
	Min. Illumination	Color 0.01Lux@F1.2	B/W 0.001 Lux@F1.2	
	Adjust Parameters	WDR,BLC,DNR,AE,AGC,D&N,Mirror,Flip,etc.		
Video	Compression	H.265/H.264 Main profile	Stream	support dual stream, AVI format
	Bit Rate	support 0.1M ~8Mbps bit rate adjustable	Frame Rates	support 1~30fps adjust
Audio	Input and output	1ch input( micro phone),1ch output( Speaker & micro phone) Optional		
	Compression	G.711 compression, support two-way audio intercom, support audio and video synchronized output		
Alarm	Types	Motion Detection, Video Blind , Video Loss		
Network	WEB Browser	Support WEB remote config( IE, Safari, Google Chrome, Firefox etc.)		
	Smart Phone	mobile remote Monitoring (iPhone, Android,...)		
	CMS Software	Uniform CMS Software(multiple devices management system)		
	Cloud P2P	<a href="http://WWW.TMTGLOBAL.CO.UK">WWW.TMTGLOBAL.CO.UK</a> TMTEYE platform		
	Network	1*RJ45,10/100M,Support RTSP/FTP/PPPOE/DHCP/DDNS/NTP/UPnP/SMTP		
General	ONVIF	Support (ONVIF 2.4)	POE	Support(optional)
	Language	20 kinds of languages such as English, Finnish, French, German, Greek, Italian, Japanese, Polish, Portuguese, Russian, Spanish, Thai, S-Chinese, T-Chinese and Turkish		
	IR Cut Filter	Set of double light switch IR-CUT filter	Lens Mount	Varifocal Lens 6-55mm
	I/O Connector	1*DC Connector ,1* RJ45(10/100M Network)	Supplied Voltage	DC12V/POE(802.3af/820.3at)
	Power Consumption	IR On: 600mA max., IR Off: Less than 200mA		
	Working Environment	-10°C~+60°C, 10%~90% ( Built in Heater being optional added for environment lower than -20° )		
Weight	1.5kg			

### Ordering Information

Model	Product code	Description
<b>TMT-4115</b>	TMT-05NNV47XF	5MP Network Varifocal Fixed WDR Box Camera