

Specification

Model	N31106U	N31106UL								
Focus Distance (mm)	Infinity	45mm*								
LED	White LED × 6									
Frame Rate (Max.)	1920 × 1080 @ 15~30 fps MJPEG / 5 fps YUV 1280 × 720 @ 15~30 fps MJPEG / 10 fps YUV 960 × 540 848 × 480 @ 15~30 fps MJPEG / 20 fps YUV 640 × 480; 640 × 360; 424 × 240; 320 × 240; 320 × 180; 176 × 144; 160 × 120 @ 15~30 fps MJPEG / 30 fps YUV									
Image Sensor	1/6" CMOS Color									
Pixel Size (µm)	1.4 × 1.4									
Image Area (mm)	2.7288 × 1.5498									
Scan Mode	Progressive									
Sensitivity	553 mV / (Lux-sec)									
Dynamic Range	73.3 dB @ 15.5 × gain									
UVC Format	MJPEG / YUY									
Storage Temperature	-30 to 60 Degree C									
Working Temperature	-10 to 45 Degree C									
Lens (Specify when ordering)	<table border="1"> <tr> <td>77</td> <td>(H= 69°; V= 43°; D= 77°) 1.83 mm / F 2.0 1.83 mm / F 5.0 1.83 mm / F 8.0</td> </tr> <tr> <td>88</td> <td>(H= 48.4°; V= 78.3°; D= 86.8°) 1.55 mm / F 5.7 1.55 mm / F 8.0 1.55 mm / F 10</td> </tr> <tr> <td>93</td> <td>(H= 81°90'; V= 50°18'; D= 92°82') 1.5 mm / F 4.0 1.5 mm / F 5.7</td> </tr> <tr> <td>158</td> <td>(H= 132°; V= 65°; D= 158°) 1.523 mm / F 4.8 1.523 mm / F 6.0 1.523 mm / F 8.0</td> </tr> </table>		77	(H= 69°; V= 43°; D= 77°) 1.83 mm / F 2.0 1.83 mm / F 5.0 1.83 mm / F 8.0	88	(H= 48.4°; V= 78.3°; D= 86.8°) 1.55 mm / F 5.7 1.55 mm / F 8.0 1.55 mm / F 10	93	(H= 81°90'; V= 50°18'; D= 92°82') 1.5 mm / F 4.0 1.5 mm / F 5.7	158	(H= 132°; V= 65°; D= 158°) 1.523 mm / F 4.8 1.523 mm / F 6.0 1.523 mm / F 8.0
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Power Source	DC 5 V (USB)									
Power Current	No LED / 160 mA LED × 6 / 190mA									
Operating System	Windows XP, Windows Vista, Window 7, Windows 8, Windows 10, Linux, MAC OSX									
Interface	USB 2.0									

	77° Lens	88° Lens	93° Lens	158° Lens
N31106U Up View				
N31106UL Up View (With LED)				
N31106D Down View				
N31106DL Down View (With LED)				

N31106U-88
88° Lens

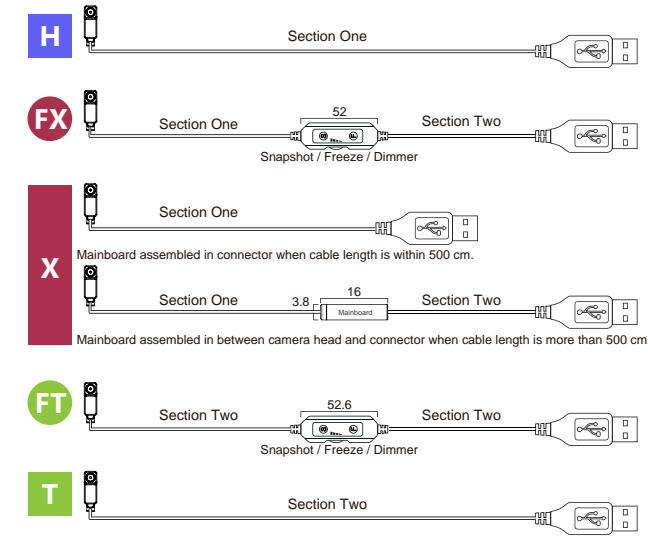
N31106U-158
158° Lens

N31106U-93
93° Lens



XD-N31106UL-77

SERIES	CONNECTOR	CAMERA TYPE	DISPLAY
H H.264	D USB Type A	N Metal Case	31106U Color
FX Low temperature with Snapshot and freeze frame	M USB Micro Type B (OTG)	VN Metal Case With Dimmer	311M6U B/W
X Low temperature	T USB Type C		31106D Color
FT Advance with Snapshot and freeze frame	I USB Mini Type B		311M6D B/W
T Advance			* U Up View * D Down View
LED	LENS	Connector Information	
L White LED	77 1.83 mm / F 2.0		
LH High Intensity LED	1.83 mm / F 5.0		
L8 IR 850 nm LED	1.83 mm / F 8.0		
L9 IR 940 nm LED	88 1.55 mm / F 5.7		
	1.55 mm / F 8.0		
	93 1.5 mm / F 4.0		
	1.5 mm / F 5.7		
	158 1.523 mm / F 4.8		
	1.523 mm / F 6.0		
	1.523 mm / F 8.0		



Section One

OD (mm)	Length (cm)	Note
1.9	10~200	H FX X
2.8		
3.8		

Section Two

OD (mm)	Length (cm)	Note
0.35 Enameled Wires	10~150	H FX X FT T
0.9	10~200	
1.4 AWG#30	10~600	
1.4 AWG#28	10~1000	
1.6	10~1000	
1.7	10~200	
2.8	10~400	
3.5	10~1000	
5.0	10~1500	

* IR 940nm or IR 850nm LED is suggested to choose B/W camera type.