## NISSEI

# **USB3.1 Gen1 AOC Interface**★ USB3.1 Gen1(5Gbps) I/F

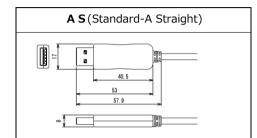
- **★** USB2.0 (0.48Gbps) is incompatible.
- **★ UASG** cable need the electricity supply for the camera separately.
- **★** Long distance transmission was achieved by the AOC.
- **★Micro-B L type specification added**

■The output is electrical signal ■Optical engine E/O , O/E



Gida EX## ± 77X

I / F Product name								
N			<b>A A</b>	$\Diamond\Diamond\Diamond$				
NISSEI	Transmissio n standard	Connector	Connector	Cable	Total length (m) Outside length of			
Product	UA	Select	Select	Select	connector			



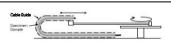
Connector								
MB (Micro-B Straight Thumb Screw)	MBLU(Micro-B UP Thumb Screw)	MBLD(Micro-B Dowm Thumb Screw)						
Thumb screw M2×0.4	device Mating surface  New  Thumb screw M2×0.4	device Mating surface  Thumb screw M2×0.4						

Cable									
Product name	Diameter Color	weight About g/m	Minimum bend radius [Guideline]	max Cable length 【Guideline】	oil-resistant characteristic	characteristic			
UAG	5.1φBlue	46	45mm	10,15,20m *2 referring	to oil PVC)	Light-weight, Middle distance, Robot, Power supply supported.			
UASG	3.9φBlue	10	30mm	50m *3 referring		Extraordinarily light, long distance,Robot, Non-power supply.			

### **Notice**

We will lend samples to customers. Please confirm prior connection with your camera (device) and PC (board).

- \*1 Max Cable length depend on performance of a Camera and the PC. These are not guaranteed value. Please check the actual connecting performance before you order them.
- \*2 Indication of the relation of the camera power consumptions and length of the UAG cables are 3.2W = 10m, 2.2W = 15m, 1.8W = 20m.
- \*3 If you want to use more long distance than the usable length of UAG cable, please choose the USG cable. In that case, you need to prepare the special power supply for the Camera separately.



### U-BENDING TEST

: 0.8m Round trip Stroke

Bending Radius : 45mm : 2.2G Acceleeration

Number of tests : 30 million times



#### BENDING TEST

Bent : ±90°t Weight : 500g Bending Radius: 30mm Speed : 60times/min

Number of tests: 7 million times



Twist test

Width Speed min

: ± 180 ° : 500 mm : 60 times /

Note: It is a test value, not a guaranteed