



Product Data Sheet

Product Type IP65 RJ45 Socket

Product Model SE8FDYH-61-B-NS

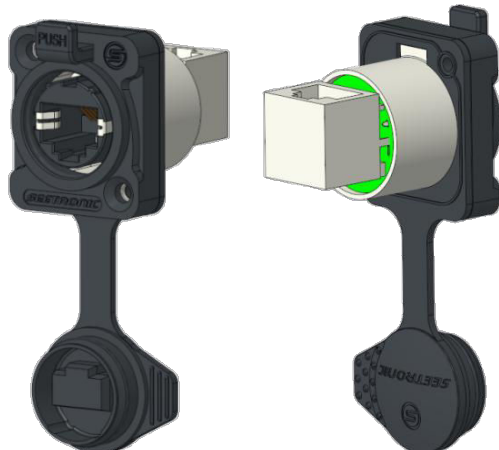
Customer Name _____

Manufacturer	Prepared	Checked	Approved

Customer	Received	Checked	Confirmed



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Product Type	IP65 RJ45 Socket	
Product Model	SE8FDYH-61-B-NS	
Product Features		
➤ The new upgrade anti-leakage series version of SE8FDYH-16, waterproof grade IP65 ➤ Better protection and extends service life of the equipment ➤ It can withstand air pressure of 0.2Mpa and no leakage at the rear when the waterproof cover is not in use ➤ D-shape panel connector with black metal flange and standard D-style installation size ➤ Install from the front the panel ➤ The rear end is a 90° RJ45 ➤ Complies with CAT5e according to TIA/EIA 568B and ISO/IEC 11801 standard, and is compatible with transmission levels below CAT5e ➤ Fast locking and unlocking for the front and rear feedthrough type, providing a guaranteed reliability for continuous and stable signal transmission under moving conditions		



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Product Parameters

Item	Specification
Connection Type	RJ45
Gender	Female

Electrical Parameters

Item	Specification
Contact resistance	< 10 mΩ
Single wire rated current	0.7 A
PoE++ rated current per pair	0.96 A
Rated voltage	37-57 V
Insulation resistance	≥ 0.5GΩ
Dielectric strength	1 KV DC
Frequency range	1~100 MHz
Transmission performance	CAT5e



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Mechanical Parameters

Item	Specification
Insertion force	≤ 20 N
Chassis shape	D-shape
Service life	> 1000 mating cycles
Locking device	Latch lock

Material and Environmental Parameters

Item	Specification
Housing	Zinc alloy
Housing plating	Black plating
Contacts	Copper alloy
Contact surface	Au
Temperature range	-30°C ~ +80°C

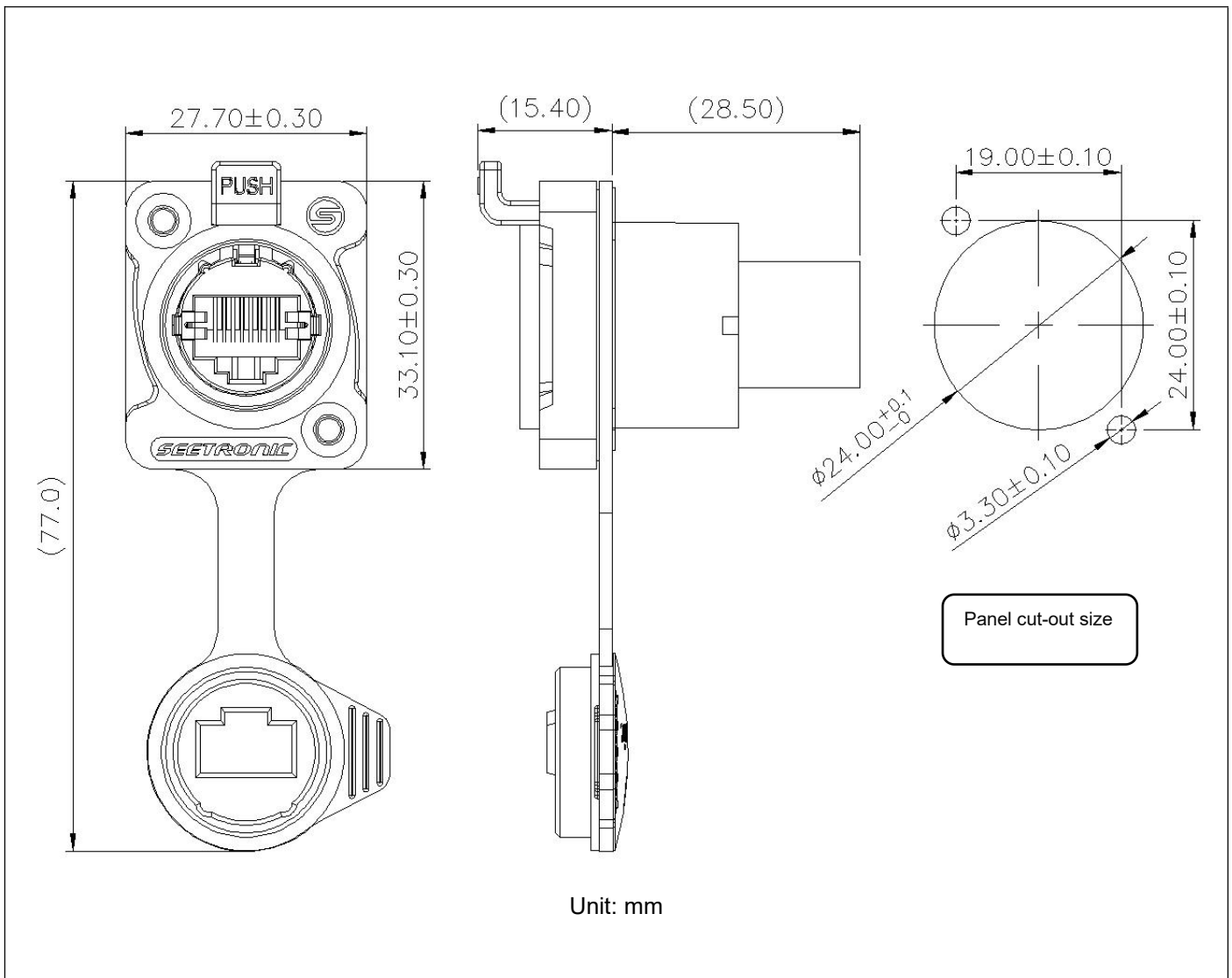
Standards and Certifications

Standards	TIA/EIA 568B, IEC11801 IEC 60603-7-3 Ed.2.0 (2010-04) IEC 60512-9-3 (2011-06) IEC 11801-1 Ed. 1.0 (2017-11) IEC 60512-99-002 Ed.2.0 (2022-01)
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Product Data Sheet

Product Drawing



Packaging Method

1 pc per bag (include 1 pc socket and waterproof gasket)
50 pcs per inner carton, 5 inner cartons per master carton (250 pcs per master carton)



Product Data Sheet

Accessory

- | | |
|--|---|
| ☐ No accessories | ☐ Back fastener plate |
| ☐ Screws and Nuts | ☒ Waterproof gasket |

Assembly Instructions

First, match the waterproof gasket with the socket, and then install the socket in the open hole of the box. Finally, tighten the screws with 0.5 Nm torque in a clockwise direction.

(Note: Panel thickness 1.5 ~ 4mm)

