

Specifications of Main Unit	
Product	Airflow Tranceducer
Model	Model 6333-00
Air Velocity Measurement Range	0.01 ~ 25.0 m/s (For 0975-00 / 0975-21 / 0975-31 ブローブ)
	0.01 ~ 30.0 m/s (For 0976-03 / 0976-04 / 0976-05 / 0976-07 / 0976-13 / 0976-14 / 0976-15 / 0976-17)
	0.01 ~ 50.0 m/s (For 0972-00 / 0973-00 / 0975-09 / 0975-10)
Temperature measurement range	0 ~ 60 °C (For 0975-31)
	0 ~ 100 °C (For 0976-15 / 0975-21)
	0 ~ 120 °C (For 0976-05)
Humidity measurement range	5 ~ 95 % (For 0975-31)
Resolution	Air velocity : 0.01 m/s, Temperature : 0.1 °C、Humidity : 0.1%RH
Display unit	m/s、°C、%RH
Analog output	Current output and voltage output are switchable with output conversion DIP swith Current output: DC4 ~ 20mA (maximum load: 250Ω) Voltage output: DC 0~5V *Current output is standard setting
Interface	RS485
Power supply	Can choose either of the following: AC adapter: Input AC100 ~ 240V, Output DC12V Supply external power to the terminal block: DC12V ~ 24V
Power consumption	About 3W (For Power supply voltage: 12V, wind speed 10m / s, probe: 0976-03)
Usage environment	Temperature 0~60℃ (No condensation)
	Humidity 2 %RH ~ 98 %RH
Storage environment	Temperature -10~60℃ (No Condensation)
	Humidity 2 %RH ~ 95 %RH
Size	About 100 (W) × 60 (D) × 25 (H) mm
Weight	About 200 g
Accessories	Manual: 1, Terminal block: 1 Piece
Warranty	1 Year

Specification of Probe															
Model Number	Measurement Target	Directivity	Air Velocity			Wind Temperature		Humidity		Operating Temperature	Temperature compensation sensor				
			Measurement Range	Measurement Accuracy	Responsivity	Measurement Range	Measurement Accuracy	Measurement Range	Measurement Accuracy						
0972-00	Wind	Yes	0.01~50.0m/s	The larger of ± 2% or ± 0.02 m/s of the displayed value	1 second	—	—	—	—	0-100℃	± 5% of displayed value at 0-100 °C				
0973-00															
0975-00															
0975-09		Speed	0.01~50.0m/s	The larger of ± 3% or ± 0.02 m / s of the displayed value	3 second					0~120℃	±0.5%	5~95%RH	5~80%RH: 3%RH 80~90%RH: 5%RH	0-120℃	± 5% of displayed value at 0-120 °C
0975-10															
0976-03															
0976-04															
0976-07		No	0.01~30.0m/s	The larger of ± 2% or ± 0.02 m/s of the displayed value	3 second					0~100℃	±0.5%	5~95%RH	5~80%RH: 3%RH 80~90%RH: 5%RH	0-100℃	± 5% of displayed value at 0-100 °C
0976-13															
0976-14															
0976-17															
0976-05	Air Velocity and Temperature					0.01~25.0m/s	The larger of ± 3% or ± 0.02 m/s of the displayed value	3 second	0~120℃						
0976-15															
0975-21															
0975-31	Air Velocity, Temperature and Humidity	No	0.01~25.0m/s	The larger of ± 2% or ± 0.02 m/s of the displayed value	3 second	0~60℃	±0.5%	5~95%RH	5~80%RH: 3%RH 80~90%RH: 5%RH	0-60℃	± 5% of displayed value at 0-60 °C				

Responsivity: Indicated value gets 0.9m/s or more than 0.9m/s to "air velocity 1m/s" on the certain temperature condition

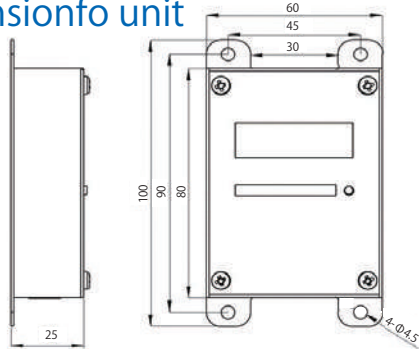
Stadard cable

Model	Length
1580-30	0.5 m
1580-31	2 m
1580-32	5 m
1580-33	10 m
1580-34	20 m
1580-35	40 m

Accessories

Model	Product name
6333-10	AC Adaputer
6333-70	DIN rail fixing base
6333-40	Measurement software
1580-90	Probe fixing jig
1580-92	Double-coated tape for 0976

Dimensionfo unit



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E6333-1E



Airflow Transducer

MODEL 6333



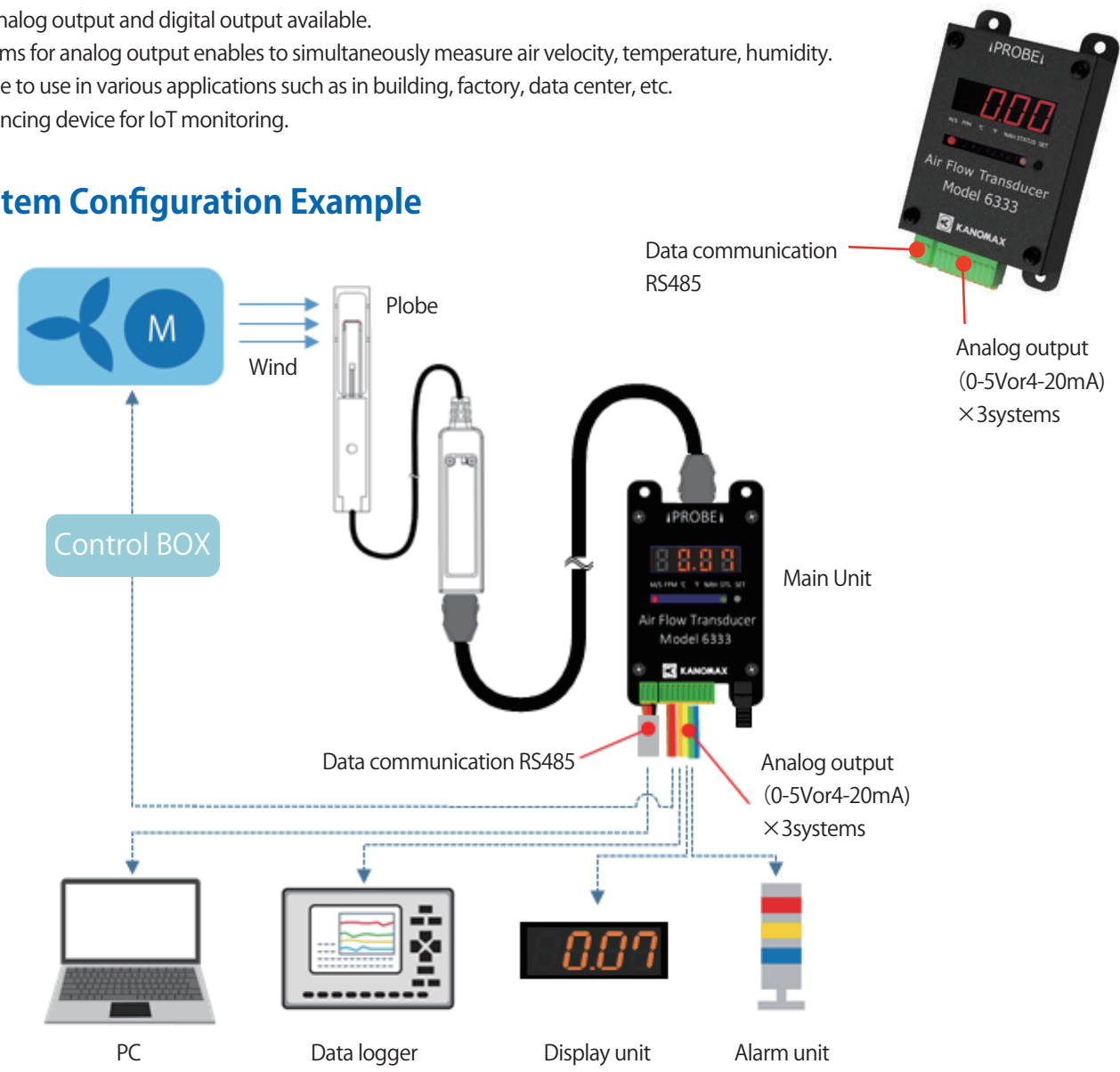
For remote monitoring and controlling air vevlocity, temperature, humidity

- 15 types of compatible probes for various applications
- The smallest class probe in the industry
- High heat resistance enables precise measurement even in tough environments
- Supports digital output and analog output
- Switched to current output or voltage output
- Improved probe response and accuracy, micro air velocity limit of 0.01 m/s

~Simultaneously monitor air velocity, temperature, humidity. Interface is compatible to both analog and digital.~

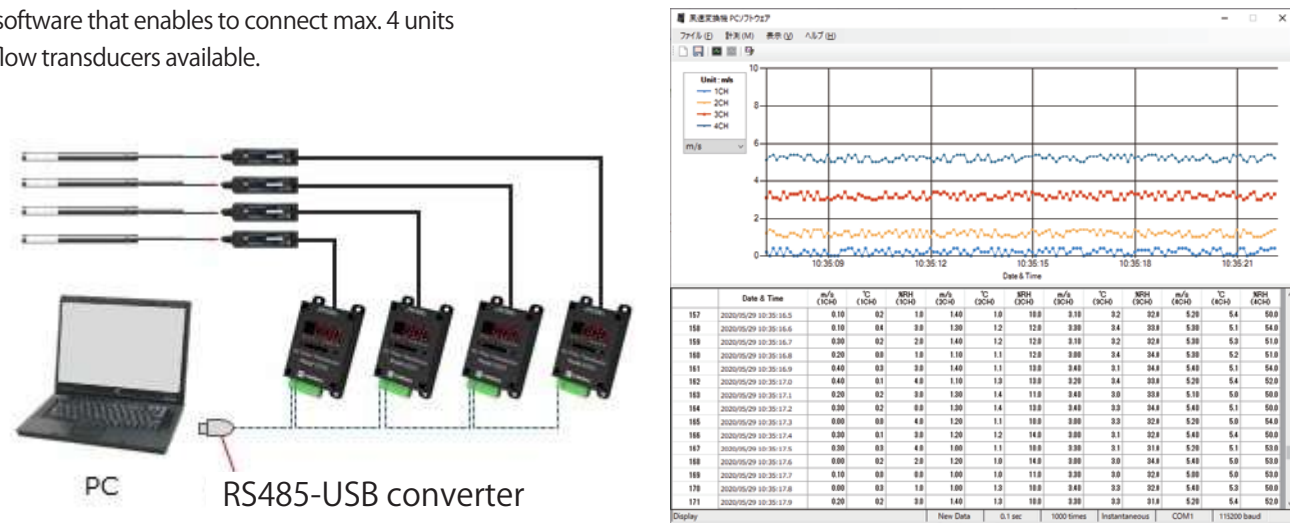
Stationary type hot-wire anemometer & Compact to build in other devices.
15 compatible probes available for simultaneous measuring air velocity, temperature, humidity.
Both analog output and digital output available.
3 systems for analog output enables to simultaneously measure air velocity, temperature, humidity.
Possible to use in various applications such as in building, factory, data center, etc.
Best sensing device for IoT monitoring.

■System Configuration Example



■Software (optional) Model 6333-40

PC software that enables to connect max. 4 units air flow transducers available.

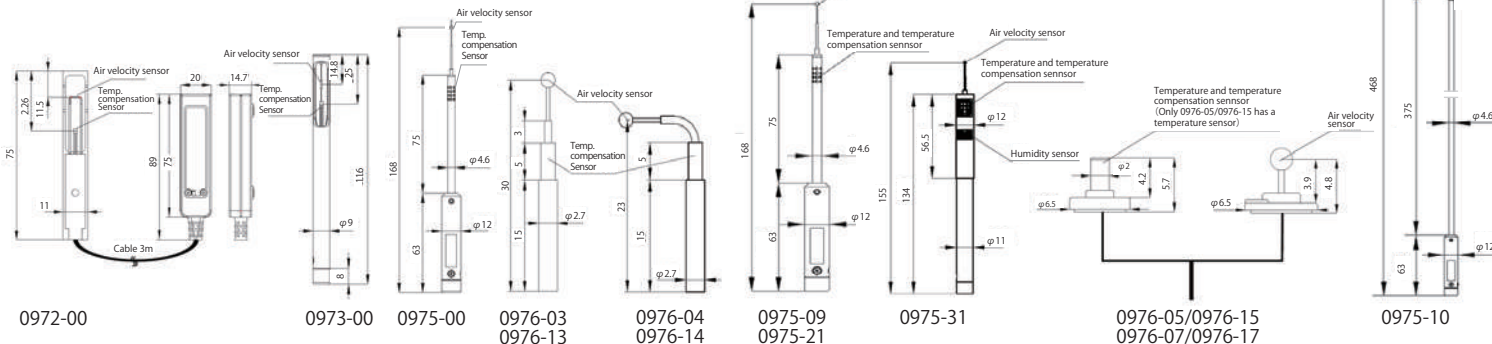


Air velocity range of compatibility probes to meet a many different type of customer needs

■15 Types of Probes Are Available

Model	Specifications
Model 0972-00	V : 0.01 ~ 50.0 m/s
Model 0973-00	V : 0.01 ~ 50.0 m/s
Model 0975-00	V : 0.01 ~ 25.0 m/s
Model 0975-09 / 21	V : 0.01 ~ 50.0 m/s (09) V : 0.01 ~ 25.0 m/s (21) T : 0 ~ 100 °C (21)
Model 0975-10	V : 0.01 ~ 50.0 m/s
Model 0976-03 / 13	V : 0.01 ~ 30.0 m/s Operating temperature : 0 ~ 120 °C (03) 0 ~ 100 °C (13)
Model 0976-04 / 14	V : 0.01 ~ 30.0 m/s Operating temperature : 0 ~ 120 °C (04) 0 ~ 100 °C (14)
Model 0975-31	V : 0.01 ~ 25.0 m/s T : 0 ~ 60 °C H : 5 ~ 95 %RH
Model 0976-05 / 15 0976-07 / 17	V : 0.01 ~ 30.0 m/s T : 0 ~ 120 °C (05) 0 ~ 100 °C (15) Operating temperature : 0 ~ 120 °C (05 / 07) 0 ~ 100 °C (15 / 17) Probe height : 5.8 mm

■Probe Dimensions



■Optional Items

Item	Model	Length
AC Adapter	Model 6333-10	
Standard cable		
DIN rail fixing base	Model 6333-70	
Probe fixing jig	Model 1580-90	
Double-coated tape for 0976	Model 1580-92	

Model 6333-10: AC Adapter

Model 6333-70: DIN rail fixing base

Model 1580-90: Probe fixing jig

Model 1580-92: Double-coated tape for 0976

Compatible probe : 0976-03/04, 0976-13/14

Upper-temperature limit : 150°C

Quantity : 20 pairs / 1 pack

Size : φ 5.5 × t0.3mm

Upper-temperature limit : 120°C

Quantity : 200 pairs / 1 pack