
Rugged Allinone's Open-Frame Display (AOD Series)

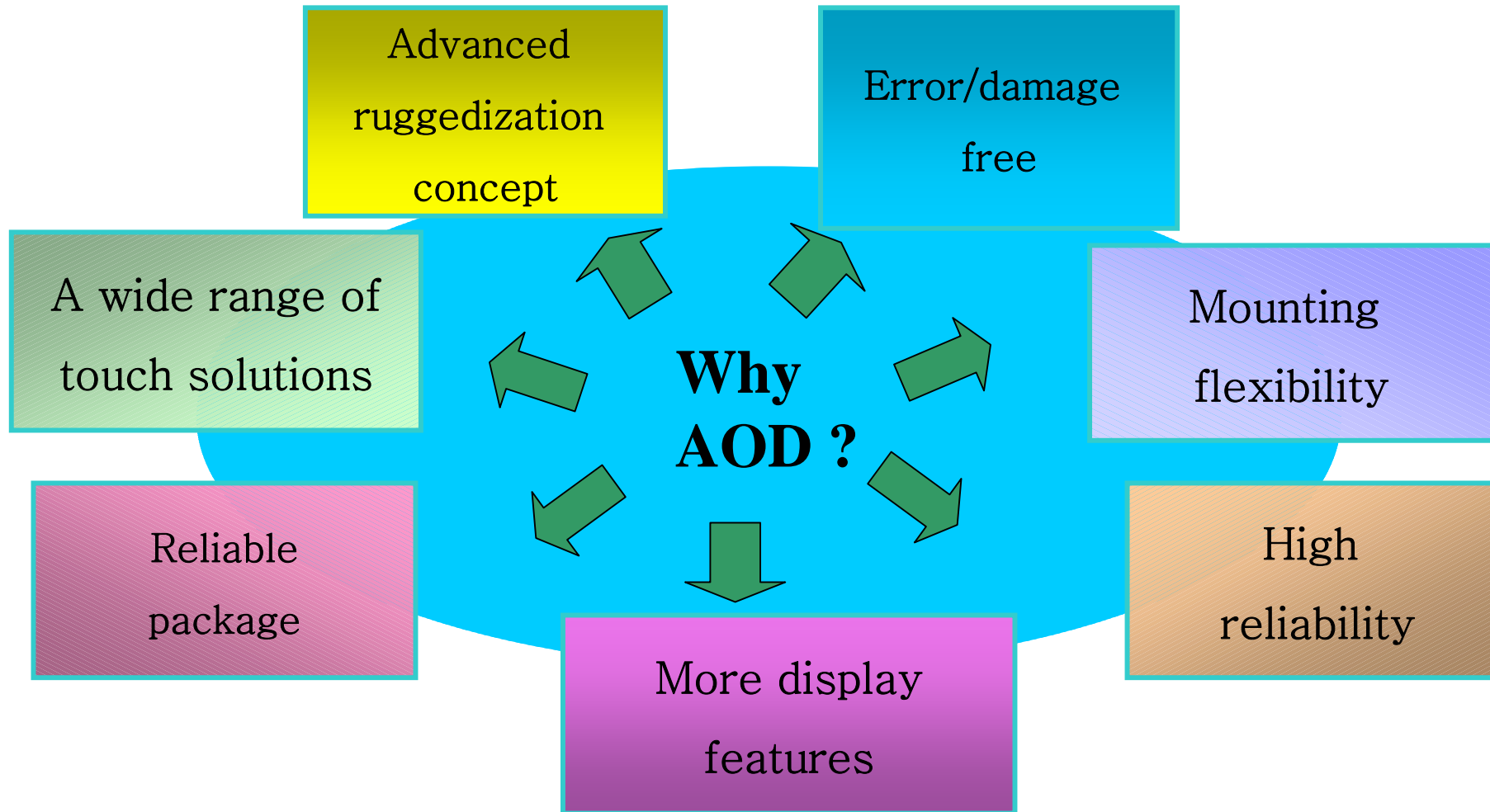


**Feb, 2006
Allinone Display**

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An advanced ruggedization concept. Fully rugged solution with Touch screen + LCD + LCD controller + touch controller in one body.

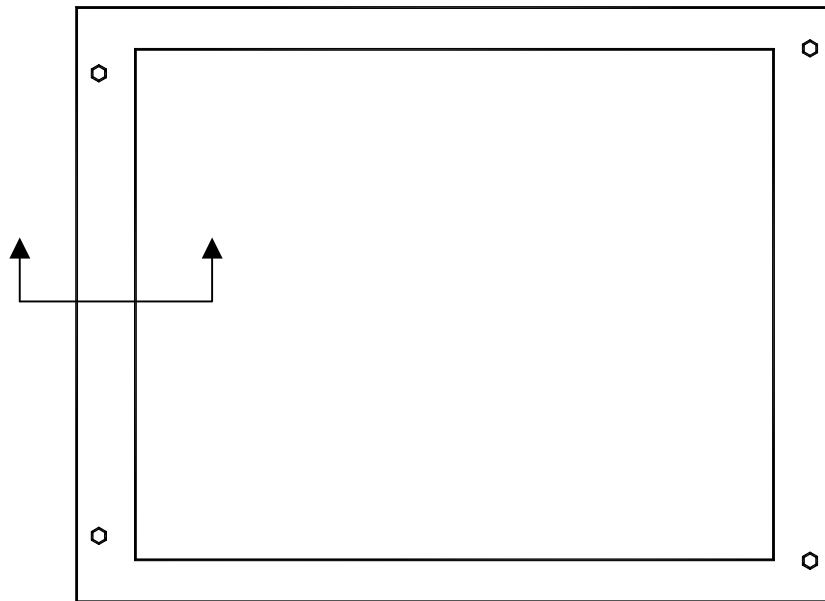
What are the benefits ?



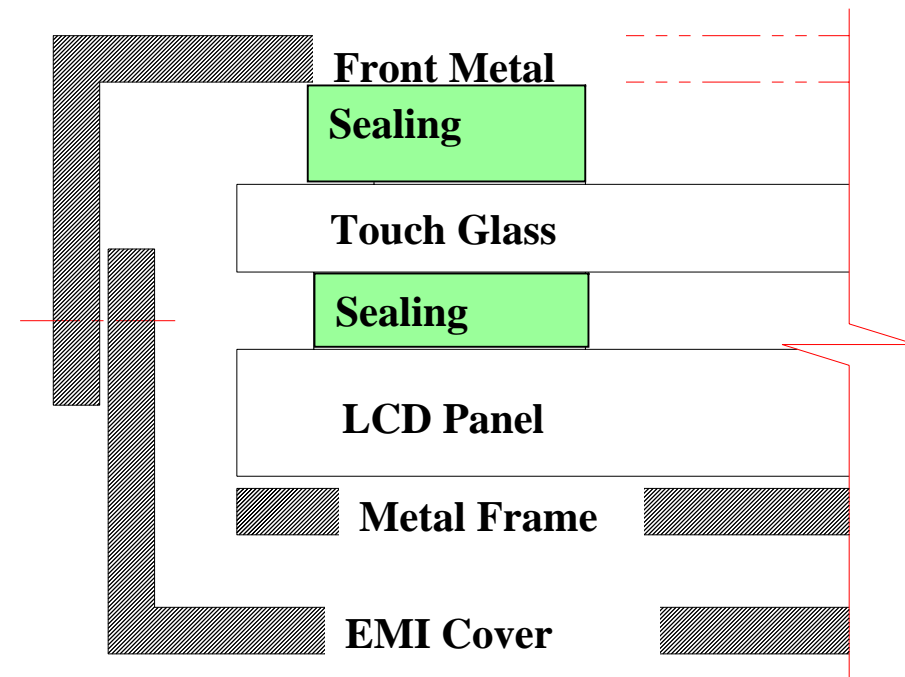
Advanced ruggedization concept

The design prevents dust/humidity between LCD and touch screen.
IP65/NMEA4 certifications are optionally offered.
Tentative waterproof is a default.

☞ Front view

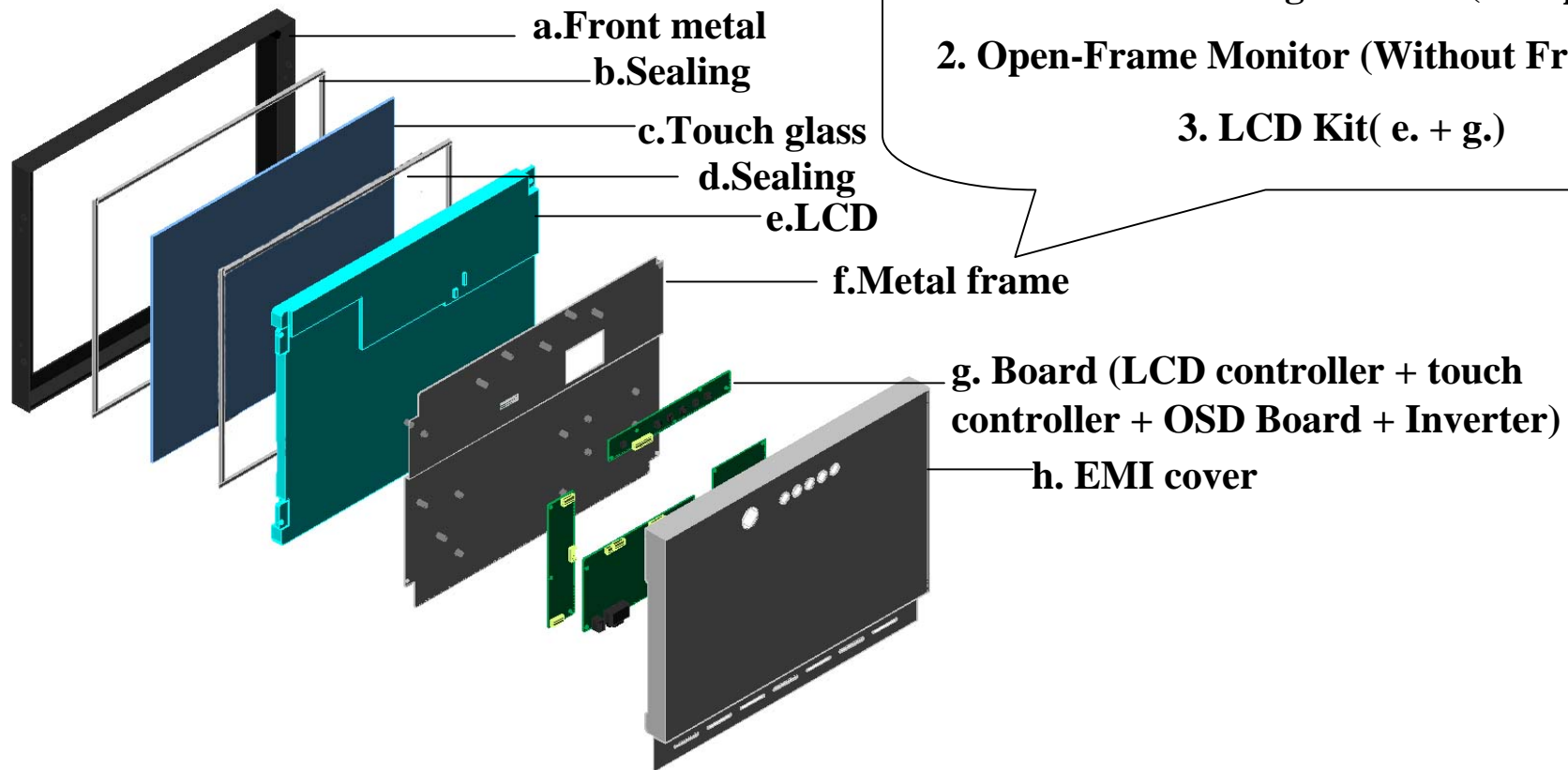


☞ Cross sectional view



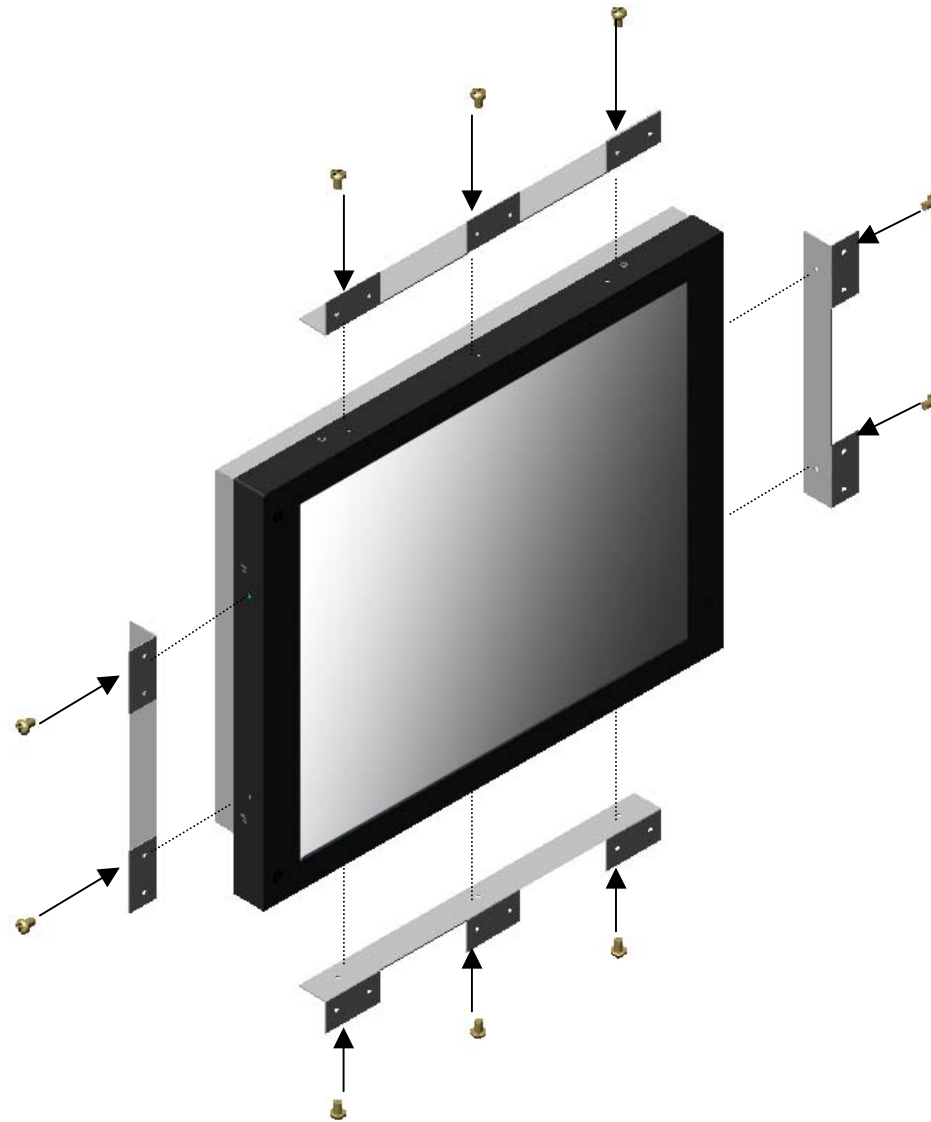
Touch function error/damage free by pre-installing touch glass in the monitor fab.

☞ Assembly drawing



Product Formation

1. Panel Mounting Monitor (Completion)
2. Open-Frame Monitor (Without Front Metal)
3. LCD Kit(e. + g.)



☞ **Easy to fit customer's mounting requirements by supplying customized mounting brackets**

Optimized design for all components including LCD, LCD Controller, touch glass, touch controller, inverter and etc.

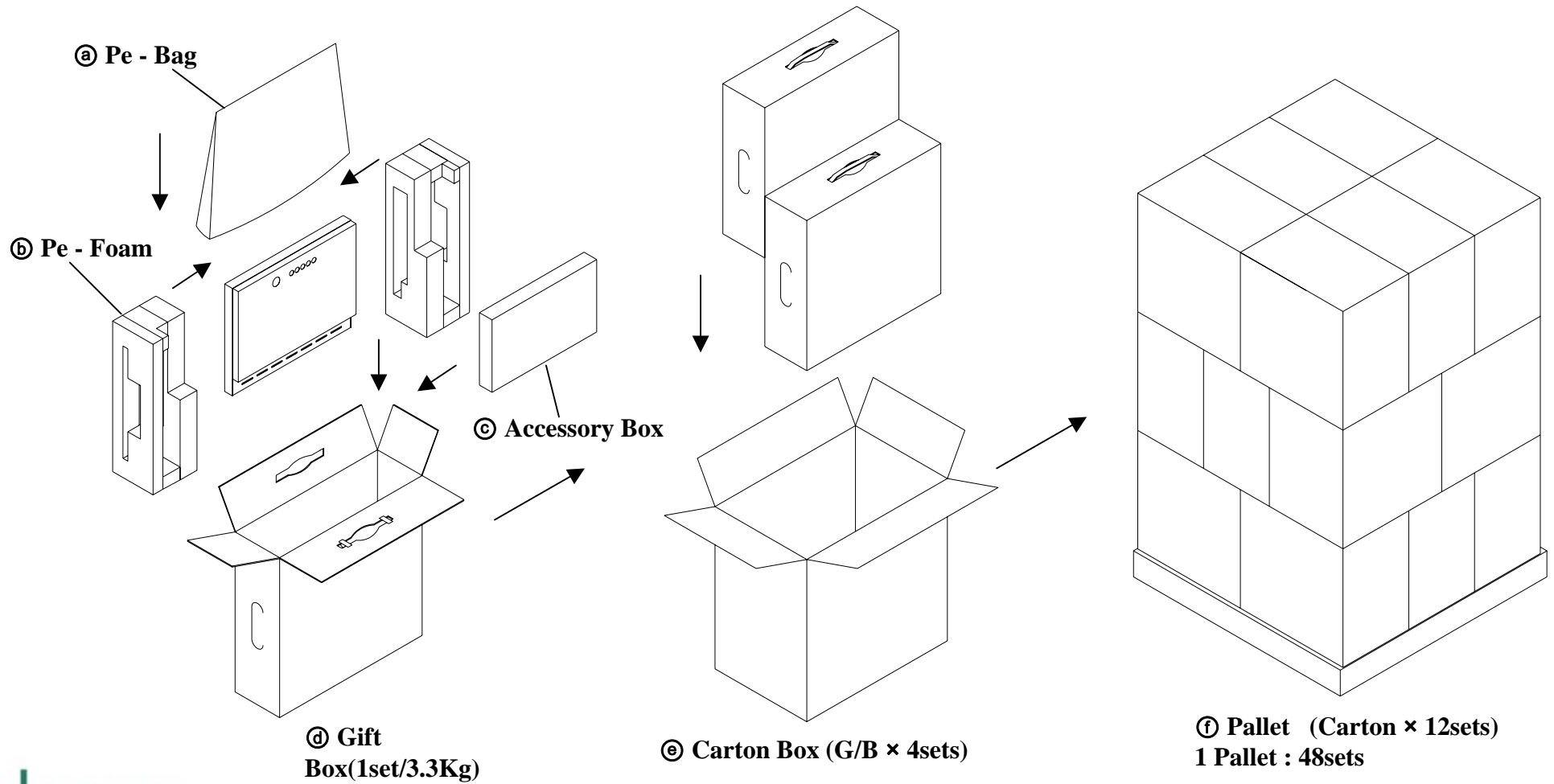
No	Test Item	Condition
1	High temperature storage test	Ta= 60°C 240h
2	Low temperature storage test	Ta= -20°C 240h
3	High temperature operation test	Ta= 50°C 50%RH 240h
4	Low temperature operation test	Ta= 0°C 240h
5	Vibration test (non-operating)	Wave form : random Vibration level : 1.0G RMS Bandwidth : 10-500Hz Duration : X,Y,Z, 20 min One time each direction
6	Shock test (non-operating)	Shock level : 100G Waveform : half sine wave, 2ms Direction : ±X, ±Y, ±Z One time each direction
7	Altitude operating storage / shipment	0 - 10,000 feet(3048m) 0 - 40,000 feet(12,192m)

More display features

SPEC/MODEL	MODEL	AOD104	AOD121	AOD150	AOD170	AOD190
Panel	Size	10.4"	12.1"	15"	17"	19"
	Display color	262.114color	262.114color	16.4M	16.4M	16.7M
	Contrast ratio	400: 1	200: 1	450: 1	500: 1	500: 1
	Brightness(cd/m ²)	220	300	250	250/300	250/300
	Viewing angles (R/L/U/D)	55°/55°/40°/0°	60°/60°/40°/55°	65°/65°/45°/55°	89°/89°/89°/89°	88°/88°/88°/88°
Resolution	Maxium(Analog)	800 x 600	800 x 600	1024*768	1280*1024	1280*1024
Controls	8 language digital control Auto, Adjust, Brightness, Contrast, Size, Position, OSD Position					
Signal Input	Analog RGB	Analog RGB	Analog RGB	Analog RGB	Analog RGB	Analog RGB
	DVI, Video, S-video	—	—	DVI, Video, S-video	DVI, Video, S-video	DVI, Video, S-video
Plug&Play	DDC	DDC 2B	DDC 2B	DDC 2B	DDC 2B	DDC 2B
SPEC/MODEL	AOD201	AOD230	AOD260	AOD320	AOD370	AOD420
Panel	20.1"	23"	26"	32"	37"	42"
	16.7M	16.7M	16.7M	16.7M	16.7M	16.7M
	500: 1	400: 1	5000: 1	550: 1	550: 1	400: 1
	250	450	450	500	500	500
	89°/89°/89°/89°	80°/80°/80°/80°	88°/88°/88°/88°	88°/88°/88°/88°	88°/88°/88°/88°	88°/88°/88°/88°
Resolution	1600*1200	1280*768	1280*768	1366*768	1366*768	1366*768
Controls	8 language digital control Auto, Adjust, Brightness, Contrast, Size, Position, OSD Position					
Signal Input	Analog RGB	Analog RGB	Analog RGB	Analog RGB	Analog RGB	Analog RGB
	Video, S-video	Video, S-video	Video, S-video	Video, S-video	Video, S-video	Video, S-video
Plug&Play	DDC 2B	DDC 2B	DDC 2B	DDC 2B	DDC 2B	DDC 2B

👉 Packing Flow/17”Basis

Ⓐ Pe-Bag > Ⓑ Pe-Foam > Ⓒ Accessory Box > Ⓓ Gift Box > Ⓔ Carton Box > Ⓕ Palletizing



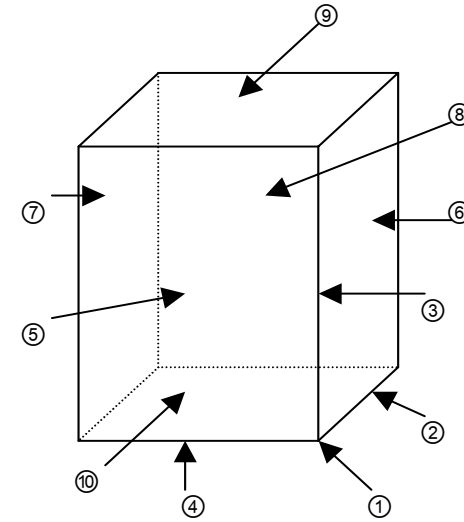
☞ Drop test

Drop(non-operating)

Conditions

- Gift box packing
- Drop on the hard floor

	Item	Height
Corner	①	76cm
Edge	② ~ ④	
Side	⑤ ~ ⑩	



- ❑ **Foundation : 2001**
- ❑ **Location : R. O. Korea**
- ❑ **Company goal : Flat display application specialist**
- ❑ **Product currently available : Rugged open frame touch monitors
Desktop touch monitors
Standard PC monitors**
- ❑ **Products under development : 12.1”Wide/15.4”Wide LCD Monitor**
- ❑ **Capability(AOD) : 20K/M**
- ❑ **Contact : sales@fiduciauk.com**