AFL–26M / 642M

26"/42" Large Screen AFOLUX Monitor Series

NEW

Power LED

IR

Light Sensor

Power LED

Light Sensor

IR

> **AFL-26M** **SAW Touch** **FULL HD** 1920x1200

> **AFL-642M** **AR Coating**

Features

- 26" Full HD (1,920 x 1,200) resolution and 42" HD ready (1366 x 768)
- Multiple Video /Audio Inputs : VGA/DVI/Component/S-Video/Composite
- Integrated two stereo speakers
- Optional SAW touch panel with RS-232 interface
- Anti-reflection tempered Glass for added protection
- Infrared remote control (OSD) and software OSD support
- Picture-in-picture (5-position, 3-size)
- Intelligent light sensor
- VESA compliant mounting holes designed
- IP 64 front panel compliance

Power Inlet — Audio — Component — Composite Video

Power Switch — Composite Audio — DVI-D — VGA — S-Video — OSD Keypad
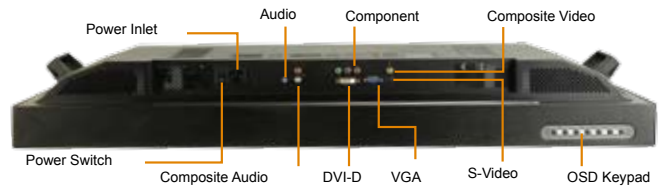
● High Quality Display Image

FULL HD 1920 x 1200 — **Full HD 1,080 Delivers the Finest Display Image (For 42" Monitor Series)**

1366 / 768 / HD (1366 x 768)

1920 / 1200 / Full HD (1920 x 1200)
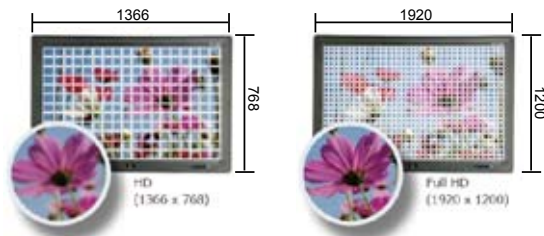
High Contrast 1500:1 — **1500:1 Super High Contrast ratio offers Greater Legibility (For 26" / 42" Monitor Series)**

Conventional   1500:1
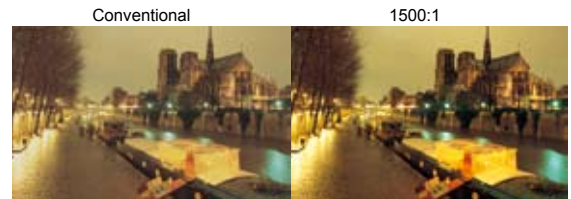
Viewing Angles 178 — **178º Super Wide Viewing Angle provides the Most Vibrant Images (For 26" Monitor Series)**

Conventional
Decrease contrast from the side viewing

178º Super Wide Viewing

Anti-Reflection Tempered Glass — **Clear Image by Low Reflection (For 26"/42" Tempered Glass Modes)**

AFOLUX tempered glass series used 4 layer hard coating to reduce the sunlight reflected from the surface of the panel, increase contrast ratio and image readability even when used in outdoor.
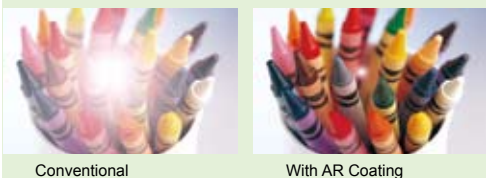
- Reduced intensity of reflected light
- No image distortion
- Higher contrast
- Wider viewing angles
- Colors are more vibrant

Behavior of Light Reflected by LCD Screen

Glare form External Light Source

Reduced Reflection of Light

Most of the External Light is Absorbed by the LCD Screen

AR coating (2 layers)

Tempered Glass

AR coating (2 layers)

	Conventional Monitor	AFOLUX PPC/Monitor Tempered Glass Models	
Transmission	90%	96±3%	Win!
Reflection	9%	Less than 3%	Win!

Conventional   With AR Coating
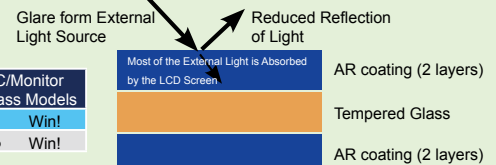
Intelligent Light Sensor — **Intelligent Light Sensor**

Intelligently adjusts the screen brightness to mach the ambient light in a room, ensuring a comfortable viewing experience. In a dim room, for example, the screen automatically reduces brightness to avoid staining your eyes.

- Reduces cost of operation by reducing the power usage
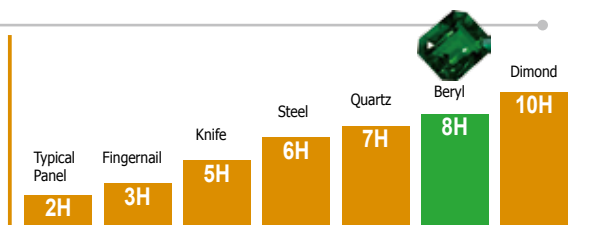- Extends backlight life
- Provides comfortable viewing

Typical Monitor   With Intelligent Light Sensor
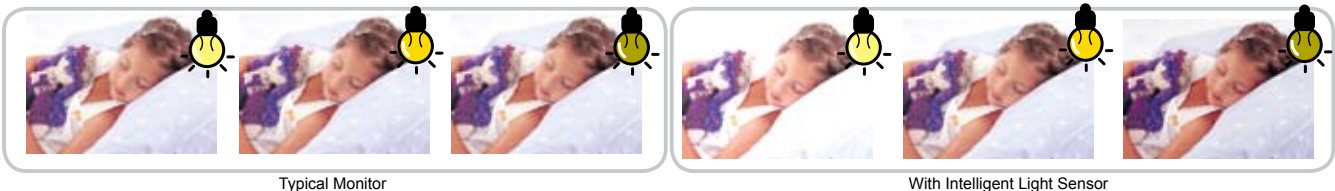
● Durable (For Tempered Glass Protection Models)

8H Stronger Protection

IEI AFOLUX tempered glass monitor's 8H hardness through strict testing is stronger than the conventional panel and therefore is able to protect the screen from damage ,offers protection solutions for a wide variety of applications.

Hardness Test (JIS-K5600)

MOH's Hardness Rating

Typical Panel	Fingernail	Knife	Steel	Quartz	Beryl	Dimond
2H	3H	5H	6H	7H	8H	10H

● Solid SAW Touch Panel (26" Monitor Optional)

Touch Screen Technology			
	Resistive	Surface Capacitive	SAW
Sensing method	Hand or stylus	Hand	Hand & Gloved Hand
Sensing Medium	ITO film or glass	ITO glass	Glass
Transmittance degree	80%~90%	90% above	92% above
Touch accuracy	Good	Normal	Excellent **WIN!**
# of touches in lifetime (mn)	35	200	100 **WIN!**
Strength	Waterproof, dirt-proof	Fireproof, dirt-proof, not easily scratches, Long life	Fireproof, high reliability, not easily scratches, Long life
Weakness	Easily scratched	Easily affected by EMI	-

Scratch Proof !

Durable SAW touch screen made of pure glass construction
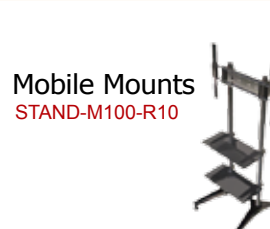
● IEI Quick Mounting Technology

IEI AFOLUX tempered glass monitor's 8H hardness through strict testing is stronger than the conventional panel and therefore is able to protect the screen from damage ,offers protection solutions for a wide variety of applications.

Life Stand
STAND-A26-R10

A. Comfortable Stand

STAND-A26-R10   Portrait/Landscape   Height Adjustment (12.7 cm)   Forward & Back Tilt (30°)

Wall Arms
ARM-50-R10

Wall Mounts
WK-80-R10

Ceiling Mounts
CEILMT-135-R10

Mobile Mounts
STAND-M100-R10

	STAND-A26-R10	ARM-50-R10	WK-80-R10	CEILMT-135-R10	STAND-M100-R10
Weight Capacity	7.3–16.3 kg	< 50 Kg	< 80 Kg	< 135 Kg	<100 Kg
Monitor Swivel	0 °	20°	0 °	20 °	0 °
Swivel (Left / Right)	0 °	360 °	0 °	180 °	0 °
Pivot (Up / Down)	+25°/-5	45 °	0 °	20 °	0 °
Mounting	VESA 75mm x 75mm VESA 100mm x 100mm VESA 200mm x 100mm VESA 200mm x 200mm	VESA 75mm x 75mm VESA 100mm x 100mm VESA 200mm x 100mm VESA 200mm x 200mm	VESA 75mm x 75mm VESA 100mm x 100mm VESA 200mm x 100mm VESA 200mm x 200mm	VESA 400mm x 200mm VESA 400mm x 400mm	VESA 100mm x 100mm VESA 200mm x 100mm VESA 200mm x 200mm VESA 400mm x 200mm VESA 400mm x 400mm

Mounting Kits		Model	
		26" LCD	42" LCD
WALL MOUNTS		WK-80-R10	
WALL ARMS		ARM-50-R10	
Stand	Desktop	STAND-A26-R10	N/A
	Mobile	STAND-M100-R10	
Ceiling Mount Kit		CEILMT-135-R10	

Specifications

Model Name		AFL-26M	AFL-26ME	AFL-642M	AFL-642ME
Display	Screen Size	26" (16:10)	26" (16:10)	42" (16:9)	42" (16:9)
	Display Resolution	1920 x 1200 (WUXGA)	1920 x 1200 (WUXGA)	1366 x 768 (WXGA)	1920 x 1080 (WUXGA)
	Colors	16.7M	16.7M	16.7M	16.7M
	Viewing Angles	176(H) /176(V)	170(H) / 150(V)	178(H) / 178(V)	178(H) / 178(V)
	Brightness	350	300	500	500
	Contrast Ratio	1500:1	1000:1	1500:1	1500:1
	Response Time (Tr+Tf)	20 ms	20 ms	20 ms	20 ms
	Audio Output	AMP 6W + 6W	AMP 5W + 5W	AMP 10W + AMP 10W	AMP 10W + AMP 10W
Input Connectors	D-Sub 15 pin video				
	DVI-D				
	Component		1 rear		
	S-Video				
	RCA Video Input				
	RCA Audio Left/Right Cannel				
	Audio In				
Features	SAW Touch Panel	Optional		N/A	Optional
	Ambient Light Sensor	Yes		Yes	
	OSD (On-Screen-Display) Controls	Push button, IR Remote Controller			
	Software OSD Control Via VGA/DVI	Yes		Yes	
	PIP	Yes		Yes	
Power Source		100-240 VAC (50/60Hz) Universal			
Temperature		Operating: 0° to 40°C Storage: -10° to 50°C			
Dimensions (W x H x D) (mm)		624 x 427 x 96		989 x 681 x 131	
Mounting		VESA 200mm x 100mm		VESA 400mm x 200mm	

Options

Mounting Kits	26" LCD	42" LCD
WALL MOUNTS	AFLWK-42	
WALL ARMS	ARMMT-26	
Stand	STAND-A26	N/A
Ceiling Mount Kit	CEILMT-01	

Remote Control

Component Extend Cable

Packing List

Item	Part No.	Remark
Power Cord	32000-000002-RS	Length:180cm
VGA Cable	32000-036200-RS	Length:180cm
Audio Cable	32000-036500-RS	Length:180cm
Component Extend Cable	32000-088100-RS	Length:170cm
DVI Cable	32000-086600-RS	Length:180cm for AFL-15M / 17M / 19M
User's Manual CD-ROM	7B000-000087-RS	
Remote Control	7Z000-8T00322ICP01G-RS	
Touch Screen RS-232 Cable	32000-000098-RS	Length:180cm for Touch Screen Models
Touch screen USB cable	32000-045801-RS	Length:150cm for touch screen

Ordering Information

LCD		Model	Description
26"	SAW Touch	AFL-26M/T-S-R10	26" 350cd/m² WUXGA monitor,plastic front panel, 26" SAW touch screen,with software OSD,RoHS
		AFL-26ME/T-S-R10	26" 300cd/m² WUXGA monitor,plastic front panel, 26" SAW touch screen,with software OSD,RoHS
	A/R Tempered Glass	AFL-26M-R10	26" 350cd/m² WUXGA monitor, plastic front panel, with tempered glass protection, RoHS
		AFL-26ME-R10	26" 300cd/m² WUXGA monitor, plastic front panel, with tempered glass protection, RoHS
42"	SAW Touch	AFL-642ME/T-S-R10	42" 500cd/m² WUXGA monitor, 42" SAW touch screen,with software OSD,RoHS
	A/R Tempered Glass	AFL-642M-R10	42" 500cd/m² WXGA monitor, with tempered glass protection, with software OSD, RoHS
		AFL-642ME-R10	42" 500cd/m² WUXGA monitor,with tempered glass protection, with software OSDRoHS

Dimensions

AFL-26M

AFL-642M