

42" TFT-LCD Screen

Weather Resistant TFT-LCD

AQWP42F Technical Specifications

Mode Support 480P/576P/720P, PIP Supportable, RS-232C

PANEL

SCREEN SIZE (DIAGONAL)	42"
DISPLAY TYPE	TFT-Active Matrix
ACTIVE AREA	930.246mm x 523.008mm
RESOLUTION	1980 x 1020 x RGB
ASPECT RATIO	16:9
PIXEL PITCH	0.63mm
NUMBER OF COLOURS	16.7M (24bit)
LUMINANCE	600cd/m ²
COLOUR SATURATION	72%
CONTRAST RATIO	1600 : 1 (dynamic)
VIEWING ANGLE	178° / 178° Horizontal / Vertical
COLOR TEMPERATURE	9700°K
RESPONSE TIME	8ms
OPERATING TEMPERATURE	0 - 40°C
STORAGE TEMPERATURE	-20 - 50°C
OPERATING AMBIENT HUMIDITY	10 - 90 %RH
STORAGE HUMIDITY	10 - 90 %RH
POWER CONSUMPTION	300W

INPUTS

SCART	2 (1 x 1/2 x Full)
VIDEO	RCA x 1, SVHS x 1
COMPONENT	1
D-SUB	1
HDMI	1
RS-232C	1



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FEATURES

NOISE REDUCTION	✓
PIP	✓

IR - REMOTE CONTROL

KEY NAME	OPERATION
POWER	Power On/Off
MENU	Menu key
ENTER	Select key
INFO	Displays input source information
SLEEP	<ul style="list-style-type: none"> ▶ Displays current value (minutes) of sleep timer ▶ Adjusts the value of sleep timer ▶ Disables sleep timer when the value of sleep timer is maximum
SOURCE	<ul style="list-style-type: none"> ▶ Activates OSD of source change ▶ Deactivates OSD of source change
PSM (PICTURE STANDARD MODE)	<ul style="list-style-type: none"> ▶ Activates OSD of picture standard mode ▶ Deactivates OSD of picture standard mode
ARC	<ul style="list-style-type: none"> ▶ Activates OSD of aspect ratio control ▶ Deactivates OSD of aspect ratio control
STILL	Toggles picture status between motion and still image
PIP	Toggles PIP status
PINPUT	Changes PIP input sources
PSIZE	Changes PIP image size
POSITION	Changes PIP position: PIP image size must be not double screen
SWAP	Swaps main input source and PIP input source
PC	Selects input source between PC and DVI



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VIDEO FUNCTIONS

PICTURE MODE	<ul style="list-style-type: none"> ▶ PC color standard: Custom, High, Middle, Low (Adjustable PC color by control of Brightness, contrast, sharpness)
IMAGE COLOR CONTROL (CUSTOM)	<ul style="list-style-type: none"> ▶ Video color standard: Custom, Dynamic, Standard, Movie, Mild (Adjustable Video color by control of Brightness, contrast, sharpness and color)
COLOR TONE (TEMPERATURE)	<ul style="list-style-type: none"> ▶ PC color control standard: Brightness, Contrast, Sharpness ▶ Video color control standard: Brightness, Contrast, Color, Tint, Sharpness, Phase ▶ Adjust & save each color setting value ▶ PC Color temperature: Custom, Cool2, Cool1, Normal, Warm1, Warm2 (Adjustable RGB by control of contrast value)
PICTURE ASPECT RATIO (SIZE)	<ul style="list-style-type: none"> ▶ Video color temperature : Cool2, Cool1, Normal, Warm1, Warm2 (Cool -> Warm color)
IMAGE LOCK (ONLY FOR PC)	<ul style="list-style-type: none"> ▶ PC Image Size: Wide (Full screen), 4 : 3 ▶ Video Image Size: Auto-Wide, Wide (Full screen), Panorama, Zoom, 4 : 3, 14 : 9 ▶ Auto image adjustment ▶ Phase (Fine) adjustment ▶ H/V position adjustment ▶ Frequency (Clock) adjustment ▶ Native Mode adjustment

TIMER FUNCTIONS

SLEEP TIMER	<ul style="list-style-type: none"> ▶ Power off when sleep time is elapsed ▶ Timer setting range: Off / 30 / 60 / 90 / 120 / 150 / 180 minutes
CURRENT TIME CLOCK	Hour (0 ~ 23), Minute (0 - 59)
ON/OFF TIME	<ul style="list-style-type: none"> ▶ On / Off time: Hour (0 - 23), Minute (0 - 59) ▶ Enable/Disable "On / Off time" ▶ Power On ▶ Power off when current time is off-time



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OTHER FUNCTIONS

RESET TO DEFAULT	Resets all user-setting value to system default
OSD LANGUAGE	English / German / French / Dutch / Spanish / Italian / Swedish / Portuguese / Greek / Czech / Yugo / Hrvatska / Romanian
OTHER FUNCTIONS	<ul style="list-style-type: none"> ▶ OSD background blending ▶ Blue screen on / off: Adjusts color of blanking screen to blue / black

PIP

PIP	MAIN	SUB
INPUT CONDITION	Component	S-Video
(COMBINATIONS AVAILABLE)	HDMI 1	SCART 1
	RGB	SCART 2
		AV
	S-Video	S-Video
	SCART 1	SCART 1
	SCART 2	SCART 2
	AV	AV
		RGB
		HDMI 1
		Component
PIP SOURCE CHANGE	Available connection condition can be changed by main input	

PIP SIZE



Large

Double1 (Horizontal)

Double2 (Vertical)



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PIP Cont.

PIP POSITION	<ul style="list-style-type: none"> ▶ Right-Bottom ▶ Right-Top ▶ Left-Top ▶ Left-Bottom
SWAP	Swaps main screen for PIP screen

DIMENSIONS

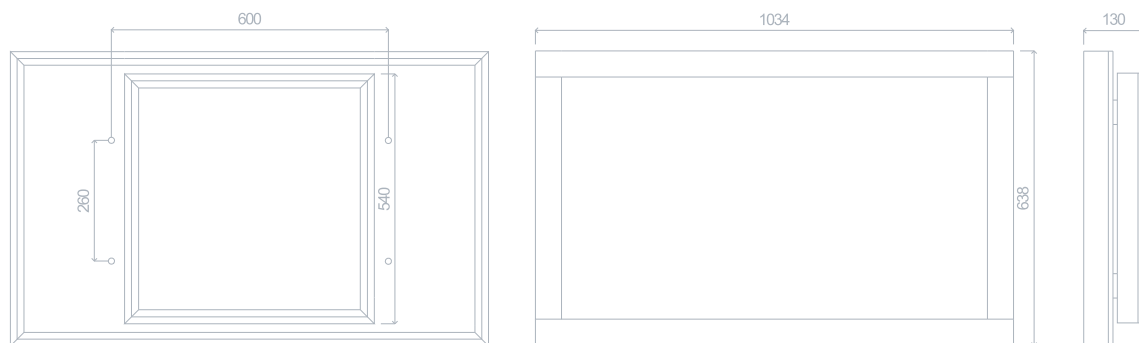
SCREEN	1034mm (w) x 638mm (h)
CIRCUIT BOX	540mm (w) x 540mm (h)
THICKNESS	130mm
MOUNT HOLE	600mm (h) 260mm(v)

SHIPPING CARTON

DIMENSIONS	1150mm (w) x 750mm (h) x 275mm (d)
WEIGHT	47kg

BRACKET

DIMENSIONS	805mm (w) x 385mm (h) x 135mm (d)
WEIGHT	8.5kg



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