



OVERVIEW

Our **Lightframe L3 Signage displays** are market leaders delivering both simple, low cost, lightweight signage plus intelligent feature set and customisation options.

Available in standard sizes 5", 7" & 10" with 1.5" – 4.3" as custom orders, the L3s deliver unrivalled flexibility for installation, power source and accessories making it the perfect choice for all your small screen POS needs.

MARKETS

- POS/POP
- Cardboard housing
 - Shelf edge
 - Giveaways
- Short term applications & campaigns
- Low cost format for presenting compliance data to customers

KEY FEATURES



USB/mains/
battery power
options



Intelligent motion
sensor option

1.5 – 10" Display sizes

OTHER LIGHTFRAME DISPLAYS

Using the same unique structure & USB power, the Lightframe range also includes:

- L1 – greeting card housing
- L2 – card box housing
- L4 – Android device with L3 acrylic & foam housing



Specifications are typical
and subject to change

DESIGNED & BUILT FOR SMALL SCREEN RETAIL PERFORMANCE 5", 7", 10"

intelligent FEATURES

A range of **simple features** for straightforward no-intervention usability plus **intelligent selectable features** for real operational value-add



Optional intelligent movement sensor & audio. Select sleep or mute modes when no movement detected*



Zero delay in start-up from sleep mode*



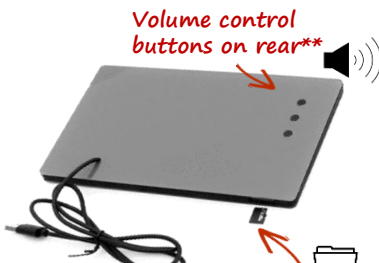
Store open/close auto-detect*

simple OPERATION



Autostart on all models –
content plays as soon as
power is connected

We can pre-load content for you



Volume control
buttons on rear**

200Mb Internal memory
+ micro SD/TIFF slot for
your videos

adaptable POWER

User-selectable power source

- Mains 5V USB power
- USB device
- Lipo/alkaline battery (not included)*



All displays supplied with USB
plug (if required) appropriate
for deployment territory. Snap
& swap plug available for
EU/UK deployments



**battery
power**



Super-low-loss 1.5m & 3m USB
extension cables available.
Minimal power loss over our
specialist cables

* 7" & 10" movement sensor models



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flexible MOUNTING & HOUSING

Use standalone, in acrylic, in cardboard, in structures, behind fascias and with our Snap & Slide mounting system

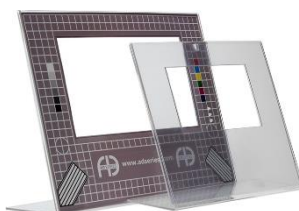
Super-lightweight with a closed cell, high density foam & acrylic sandwich construction, the L3 range delivers signage with optimum flexibility for deployment.

- **Impact-resistant** design will be safe in high traffic areas
- Light enough for **cardboard POS**
- Smooth acrylic cover with flush movement sensor **can be bonded** front and/or back into housings and onto fascias



With RAPID 75 self-adhesive mounting system

Simple, low cost self-adhesive plate provides VESA 75 & keyhole mounting. The plate is securely bonded to the rear of the display and is less than 5mm thick



Mounted in freestanding acrylic holder



Movement sensor flush
for flexible housing*



Impact-proof, super
lightweight foam &
acrylic construction



Mounted in cardboard POS



* 7" & 10" movement sensor models

easy CUSTOMISATION

The L3 range is designed to offer fast and cost-effective customisation for volume orders including popular customisations such as:

- Push buttons
- Integrated rechargeable battery for tablet-style use
- I2C device interconnection
- Concealed rear buttons & power
- Android



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OPERATION

A commercially designed alternative to digital photo frames with comparable price points. On connection to USB power, displayers will auto-start playing content on loop until power is disconnected – operation requires no buttons or remote control. Models with speaker function have movement sensor that either mutes sound when no movement is detected or puts the display on low-power sleep mode (selectable option on latest 7" & 10" models). Content is stored on internal memory or micro SD/TIFF card.

SPECIFICATIONS – STANDARD DISPLAYS

Frame type	Super-lightweight high density foam & acrylic construction. Can be used standalone or integrated and with a variety of our specialist frames and mounts	Power & cable	Supplied as standard with 0.7m 5V USB power cable. USB extension leads available in 1.5m & 3m lengths. USB plugs appropriate for deployment territory if using mains power.	
Internal memory	200mb internal	Content loading	Content is loaded and updated via USB PC connection OR micro SD card. Content can be pre-loaded prior to delivery (charge applies for displays supplied from stock).	
Volume	+/- volume control buttons on rear			
Mounting & fixing	Smooth, flush** plastic cover front and back allows both the front and the rear of the displays to be bonded onto substrates and surfaces. Double sided tape or velcro is recommended. RAPID75 adhesive mounting plate available for fitting to standard 75mm VESA or for secure wall hanging . A simple shelf can also be created within a POS housing. Our exclusive freestanding acrylic holders can also be used with branded card inserts (see previous page) **not currently 5” model with PIR			
Interactive options	Available with PIR movement sensor/speaker option. PIR either mutes sound or puts display on low-power sleep when no movement is detected. This is a user selectable feature on latest 7” & 10” models.		Warranty	18 months
Powering from other devices	For additional flexibility, displays can also be powered from a till or computer using a USB extension cable.		Certifications	As appropriate for country of deployment

MODEL DATA

STANDARD DISPLAYS					
Screen Size	Product Code	Dimensions w x h x d mm	Resolution	Playback formats supported	Weight (g)
5"	L3050P	143 x 117 x 13.5	480 x 272	AVI, MPEG1, 2 & 4, Divx	195g
	L3050P-PIR	175 x 117 x 13.5			215g
7"	L3070P	186 x 126 x 15.5	800 x 480		265g
	L3070P-PIR	210 x 126 x 15.5			291g
10.1"	L3101P	262 x 175 x 15.5	1024 x 600		527g
	L3101P-PIR	285 x 175 x 15.5			579g
SPECIAL ORDER DISPLAYS – MOQ 200 PCS					
Screen Size	Product Code	Typical Resolution	Overview		
1.5"	L3015P/-PIR	128 x 128	Available as displayers , with interactive button or with PIR/speaker combination 3.7V lithium battery USB power 1.5" – 3.5": ANI 4.3": AVI, MPEG1, 2 & 4, Divx MOQ 200pcs	   	
1.8"	L3018P/-PIR	128 x 160			
2.4"	L3024P/-PIR	320 x 240			
2.8"	L3028P/-PIR	320 x 240			
3.5"	L3035P/-PIR	320 x 240			
4.3"	L3043P/-PIR	480 x 272			



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TECHNICAL DRAWINGS INDEX – AD SERIES LIGHT FRAME 5", 7", 10.1"

Screen Size	Resolution	Product code	Page number
5"	480 x 272	L3050P	4
5"	480 x 272	L3050P-PIR	5
7"	800 x 480	L3070P	6
7"	800x 480	L3070P-PIR V02V03	7
10.1"	1024 x 600	L3101P	8
10.1"	1024 x 600	L3101P-PIR V02V03	9



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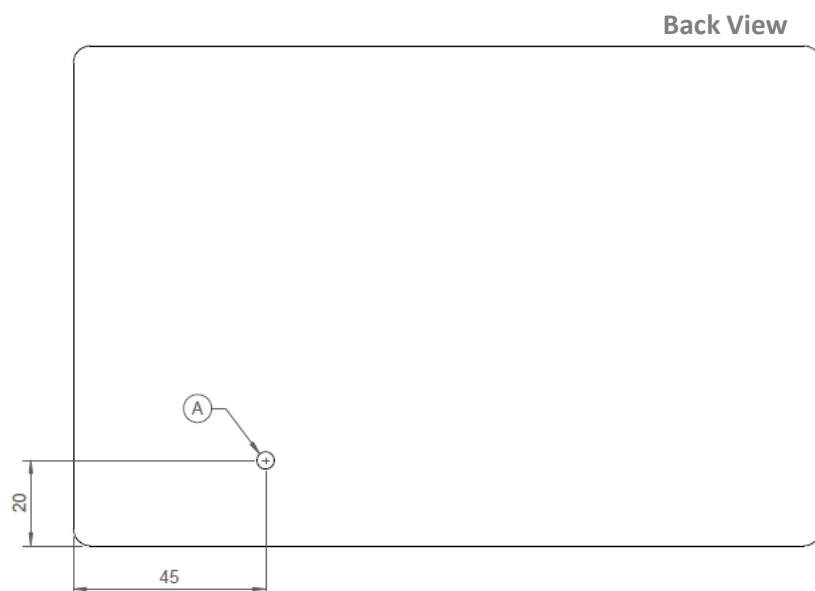
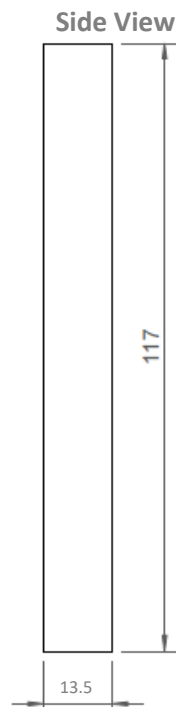
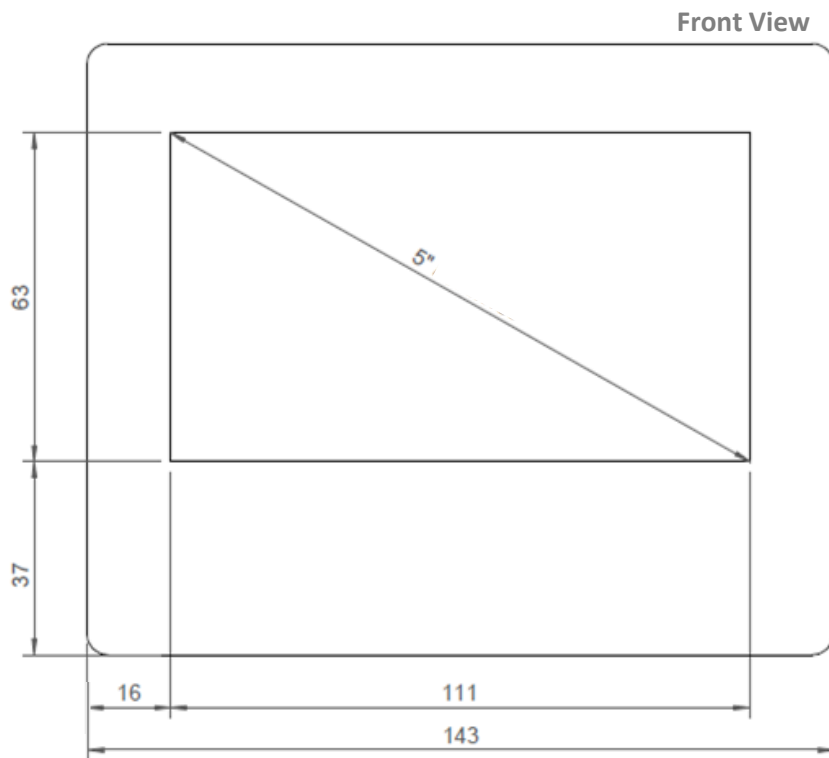
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TECHNICAL DRAWINGS

5" LIGHT FRAME L3050P



NOTES:-

A - USB CABLE ENTRY, 0.7M LONG

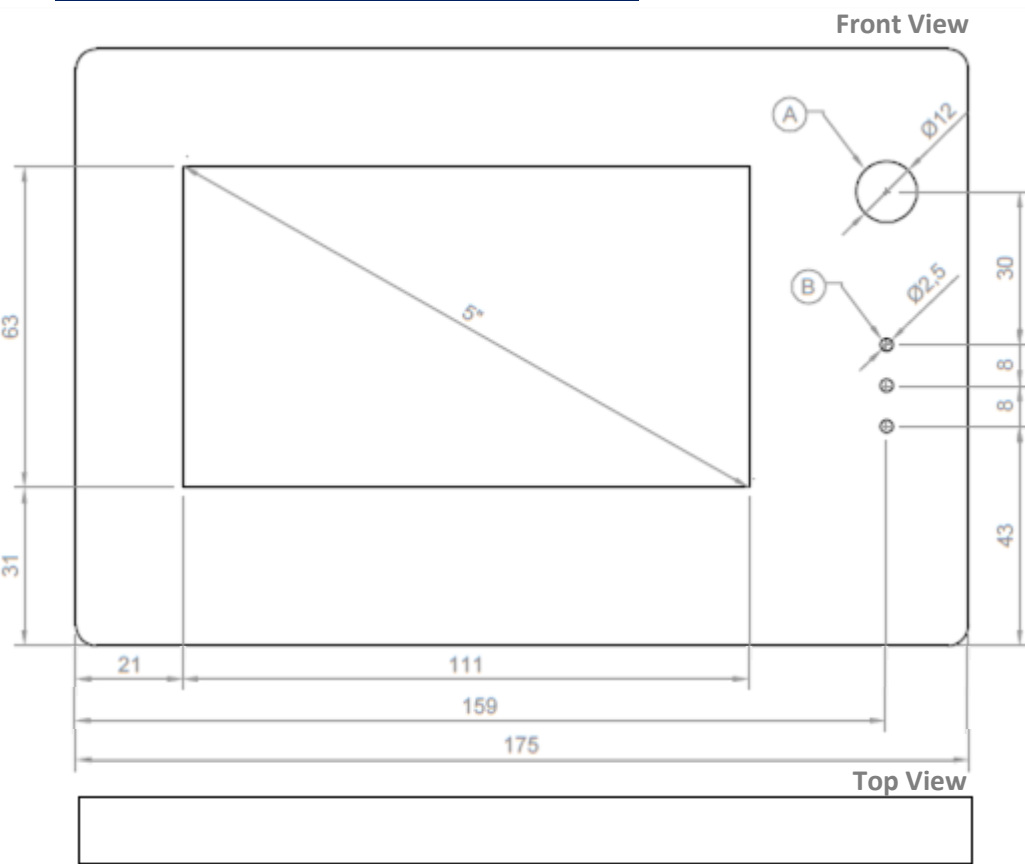
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-	17/03	ISSUE		
AD SERIES DISPLAYS MANUFACTURING LTD				
UNIT 49, ELDON WAY INDUSTRIAL ESTATE, PADDOCK WOOD, TONBRIDGE, KENT, TN12 6BE TEL - 0870 0055 520 www.adseries.com				
PRODUCT CODE				
L3050P				
PRODUCT NAME				
5" LIGHT FRAME DISPLAY				
PRODUCT DESCRIPTION				
200Mb INTERNAL MEMORY, SUPPORTS AVI, MPEG, DIVX, WALL MOUNT POWER, 0.7M USB CABLE				
DRAWING NUMBER				
AD0027-01				
DRAWN BY	APPROVED BY	DATE		
RP	MB	17/03/2015		
REV	SCALE	SHEET NO.		
-	NTS	1 OF 1		
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TECHNICAL DRAWINGS

5" LIGHT FRAME WITH PIR L3050P-PIR



Top View

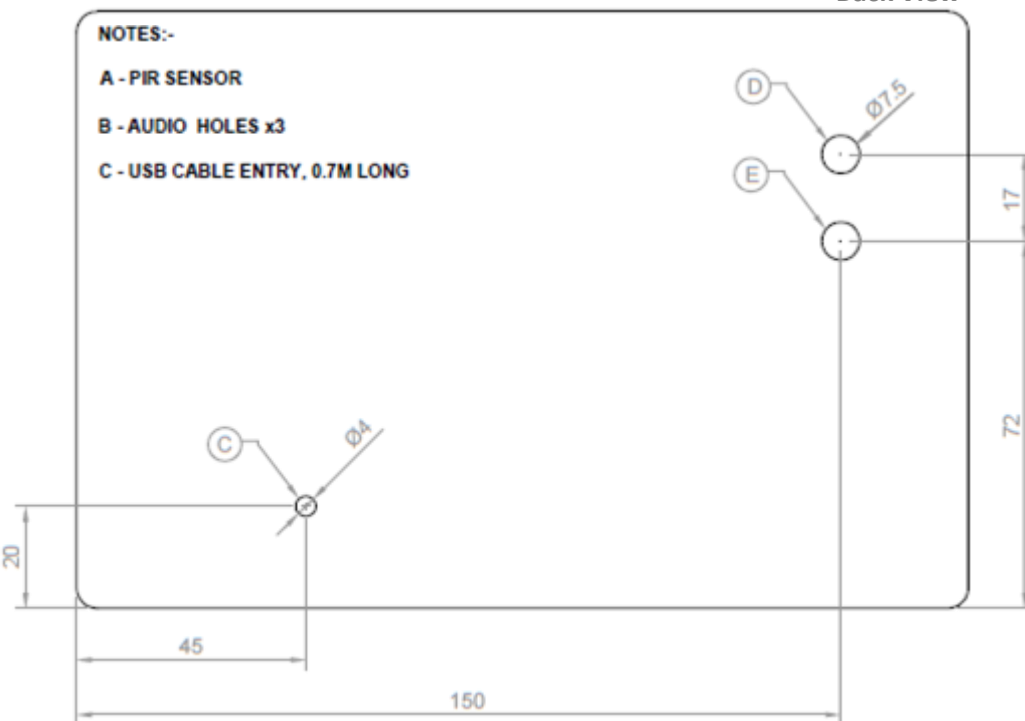
Back View

NOTES:-

A - PIR SENSOR

B - AUDIO HOLES x3

C - USB CABLE ENTRY, 0.7M LONG



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PRODUCT CODE			
L3050P-PIR			
PRODUCT NAME			
5" LIGHT FRAME DISPLAY C/W PIR/AUDIO			
PRODUCT DESCRIPTION			
200Mb INTERNAL MEMORY, SUPPORTS AVI, MPEG, DIVX, WALL MOUNT POWER, 0.7M USB CABLE			
DRAWING NUMBER			
AD0006-01			
DRAWN BY	APPROVED BY	DATE	
RP	MB	22.02.2016	
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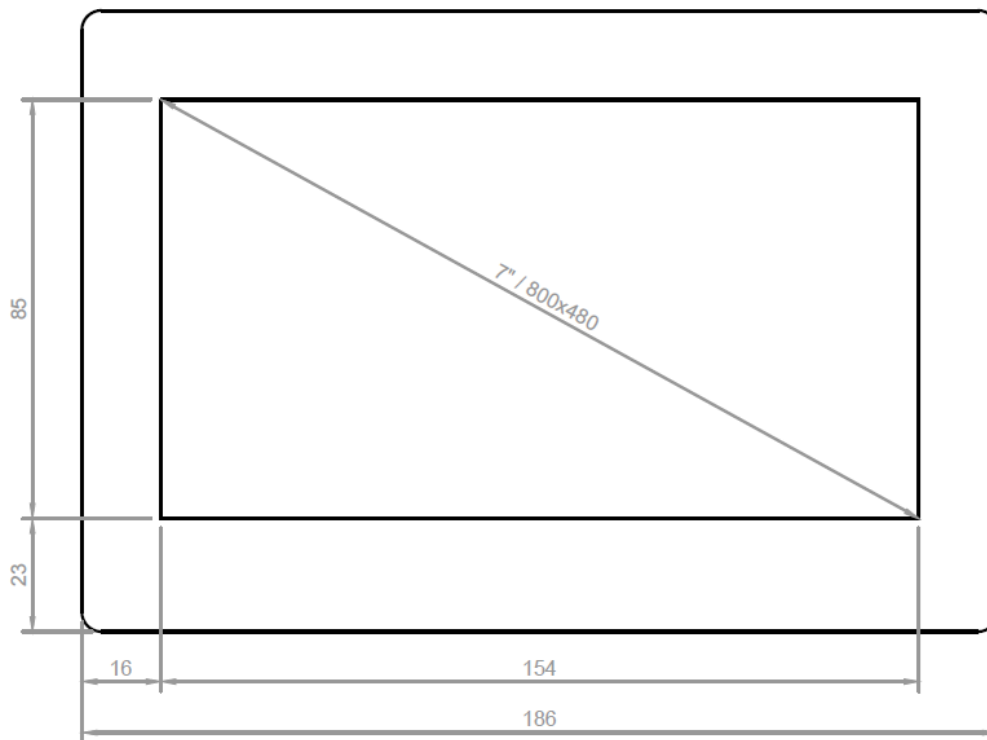
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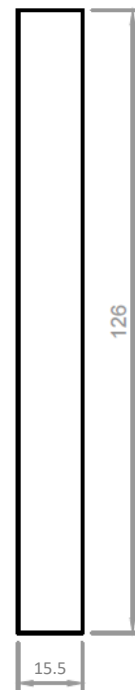
TECHNICAL DRAWINGS

7" LIGHT FRAME L3070P

Front View



Side View



Back View



NOTES:-

A - USB CABLE ENTRY, 0.7M LONG

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PRODUCT CODE L3070P		
PRODUCT NAME 7" LIGHT FRAME DISPLAY		
PRODUCT DESCRIPTION 200Mb INTERNAL MEMORY, SUPPORTS AVI, MPEG, DIVX, WALL MOUNT POWER, 0.7M USB CABLE		
DRAWING NUMBER AD0008-01		
DRAWN BY RP	APPROVED BY MB	DATE 13/01/2015
REV -	SCALE NTS	SHEET NO. 1 OF 1
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TECHNICAL DRAWINGS

7" LIGHT FRAME WITH PIR L3070P-PIR

17MM

Front View

28MM

Side View

16mm

154*85MM

8mm Dia hole,
Countersunk from
rear to make PIR
cap flush (level)

17MM

16mm

2mm Dia window, in silk
screen only, will allow LED
to show

17MM

17MM

17MM

25MM

126

15.5

Top View

Back View

28MM

7.5MM

15MM

15MM

4MM

20mm

NOTES:-

B - AUDIO HOLES x3

A - PIR SENSOR

C - USB CABLE ENTRY, 0.7M LONG

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PRODUCT CODE			
L3070P-PIR V02V03			
PRODUCT NAME			
7" LIGHT FRAME DISPLAY C/W PIR/AUDIO			
PRODUCT DESCRIPTION			
200Mb INTERNAL MEMORY, SUPPORTS AVI, MPEG, DVI-D WALL MOUNT POWER, 0.7M USB CABLE			
DRAWING NUMBER			
AD0005-01			
DRAWN BY	APPROVED BY	DATE	
RP	MB	11/07/16	
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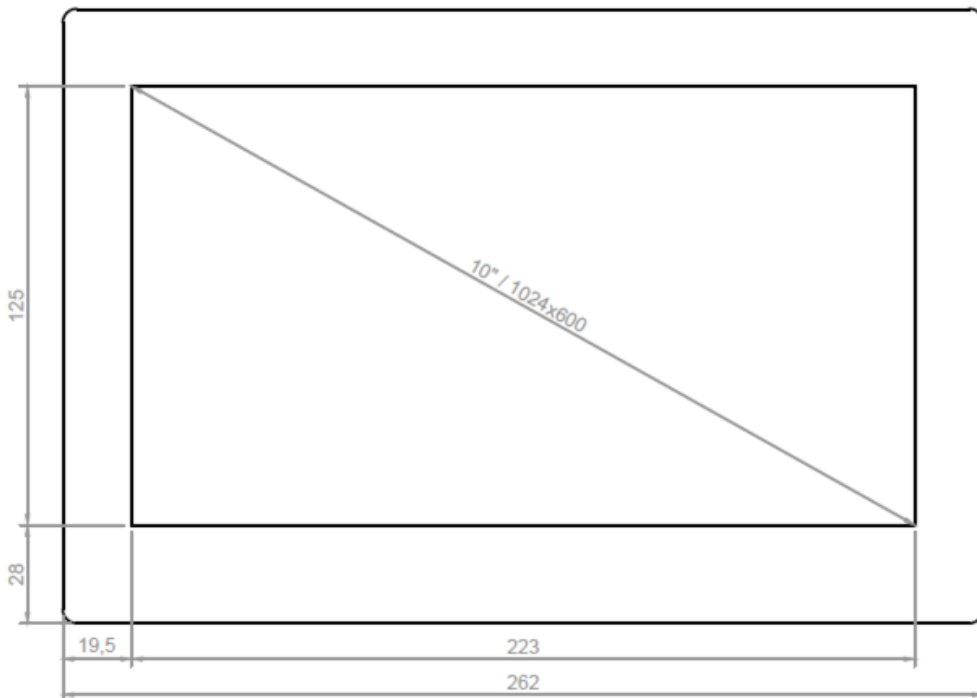
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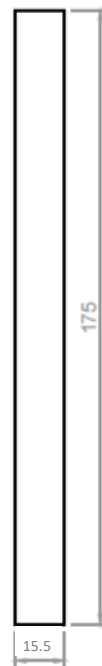
TECHNICAL DRAWINGS

10" LIGHT FRAME L3101P

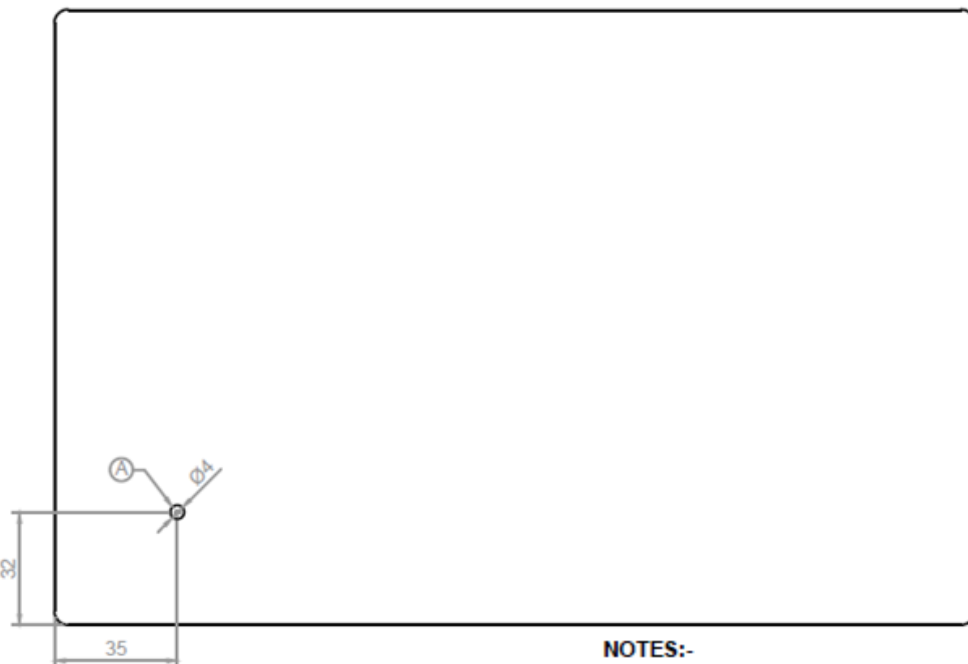
Front View



Side View



Back View



NOTES:-

A - USB CABLE ENTRY, 0.7M LONG

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REV	DATE	DESCRIPTION	INITIAL
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PRODUCT CODE L3101P			
PRODUCT NAME 10" LIGHT FRAME DISPLAY			
PRODUCT DESCRIPTION 200Mb INTERNAL MEMORY, SUPPORTS AVI, MPEG, DIVX, WALL MOUNT POWER, 0.7M USB CABLE			
DRAWING NUMBER AD0004-01			
DRAWN BY RP	APPROVED BY MB	DATE 13/01/2015	
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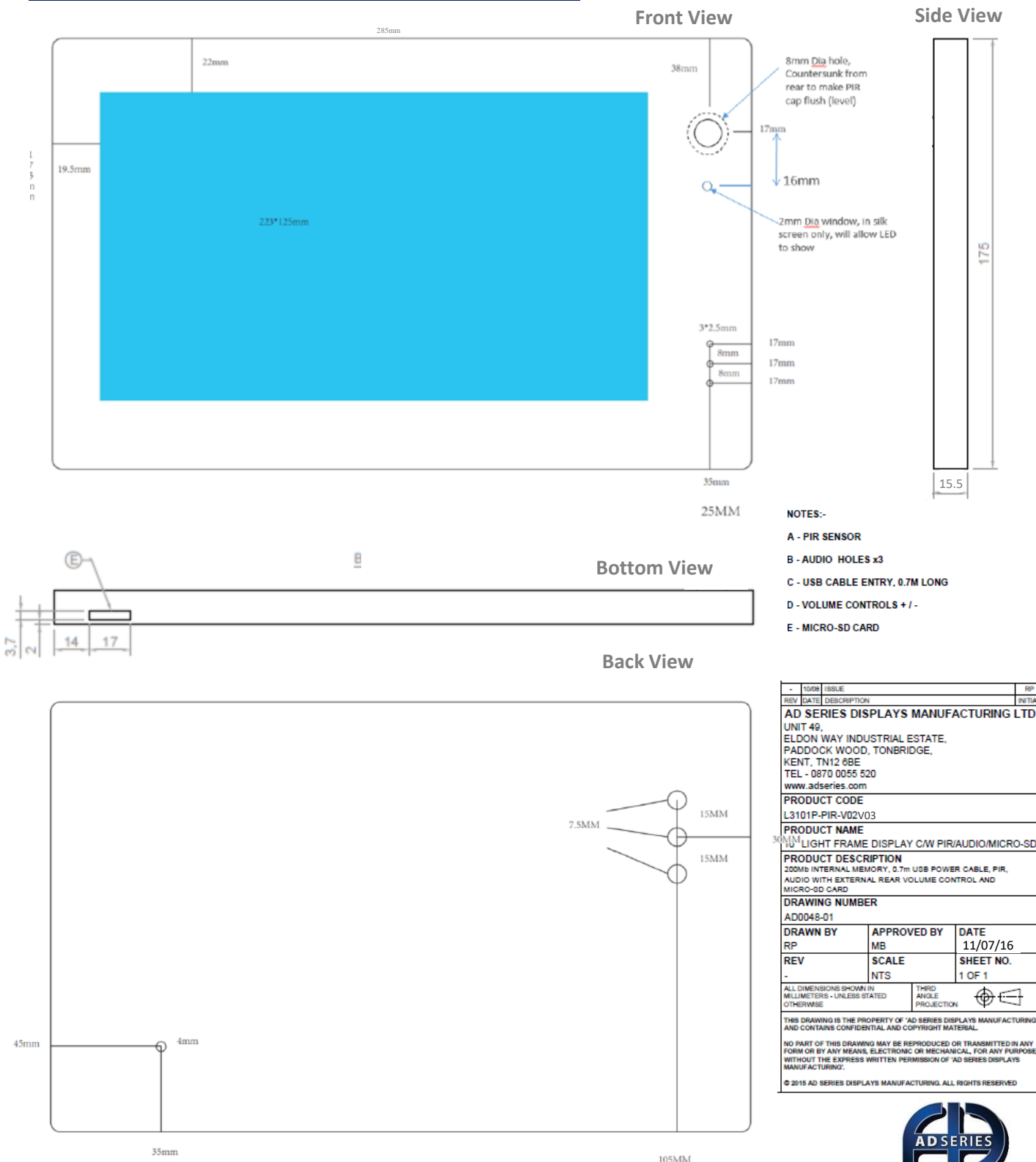
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10.1" LIGHT FRAME WITH PIR L3101P-PIR v02v03

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