



Horizon 105

SPECIFICATIONS

SKU : CBIH105

DISPLAY

LCD Size	105
Type	Touch
Resolution	21:9 (5120 x 2160)
Resolution	5K
OPS	1 pre-installed in screen
Tempered Glass	Mohs Level 7+ Antiglare
Orientation	Landscape
Backlight Type	D-LED
Brightness	400 cd/m2 (typ)
Contrast Ratio	1200:1
Response Time	8ms
Pixel Pitch	0.4785(h) x 0.4785(v) mm
Refreshing Frequency	60hz
Viewing Angle	178 degrees
Life Time	30000 hours
Colour Gamut	72%
View Area	2449.92(h)x1033.56(v)
Display Colours	1.07B (10bit)
Bezel Colour	Black

AUDIO

Speaker	2 x 16W
Sound Pressure Level	80db

ENVIRONMENTAL

Temperature	0-40 degrees
Operation Humidity	10% - 90% RH
Storage Temperature	-20 degrees to 60 degrees
Storage Humidity	10% - 90% RH
Altitude	Below 5000 metres

INPUTS / OUTPUTS - SCREEN

HDMI In	1 x HDMI2.0 (up to 3840x2160@60Hz w/ ARC)
DP IN	2 (up to 5120x2160@60Hz)
Touch USB	1
Audio Out	1-3.5mm jack
OPS Slot	Intel Standard
RS232	1

ELECTRICAL - SCREEN

Power	100-240V~50/60Hz 4.0A
Power Consumption OPS	430W
Stand By	≤0.5W
Audio Output Power	2x10W/6volts
OPS Power	DC 19V/5A

INPUTS / OUTPUTS - OPS

USB 2.0	1
USB 3.0	2
USB Type-C	2
Headphones +MIC	1
LAN (RJ45 IN)	1
HDMI OUT	1 (2.0)
WIFI	Yes
Bluetooth	Yes

ELECTRICAL - OPS

CPU - Architecture	i7
CPU - Working Freq.	2.4GHz
CPU - Core	Quad Core
GPU	Intel UHD Graphics
RAM	16GB
ROM	256GB SSD
Operating System	Windows 10 Pro



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TOUCH	
Sensing Type	Infrared recognition
Surface Protection	4mm toughened glass
Infrared Touch	20 points touch
Resolution	32767 (W) x 32767 (D)
Touch Accuracy	1mm
Response Times	>7ms
Output Mode	HID Standard
Theory Clicks	Unlimited
Minimum Touch Object	3mm
Connect Type	USB 2.0
Voltage	DC 5V
Power Consumption	<2W
Windows 7 and above	Multi-touch
Chrome, Mac OS, Linux	Single-touch

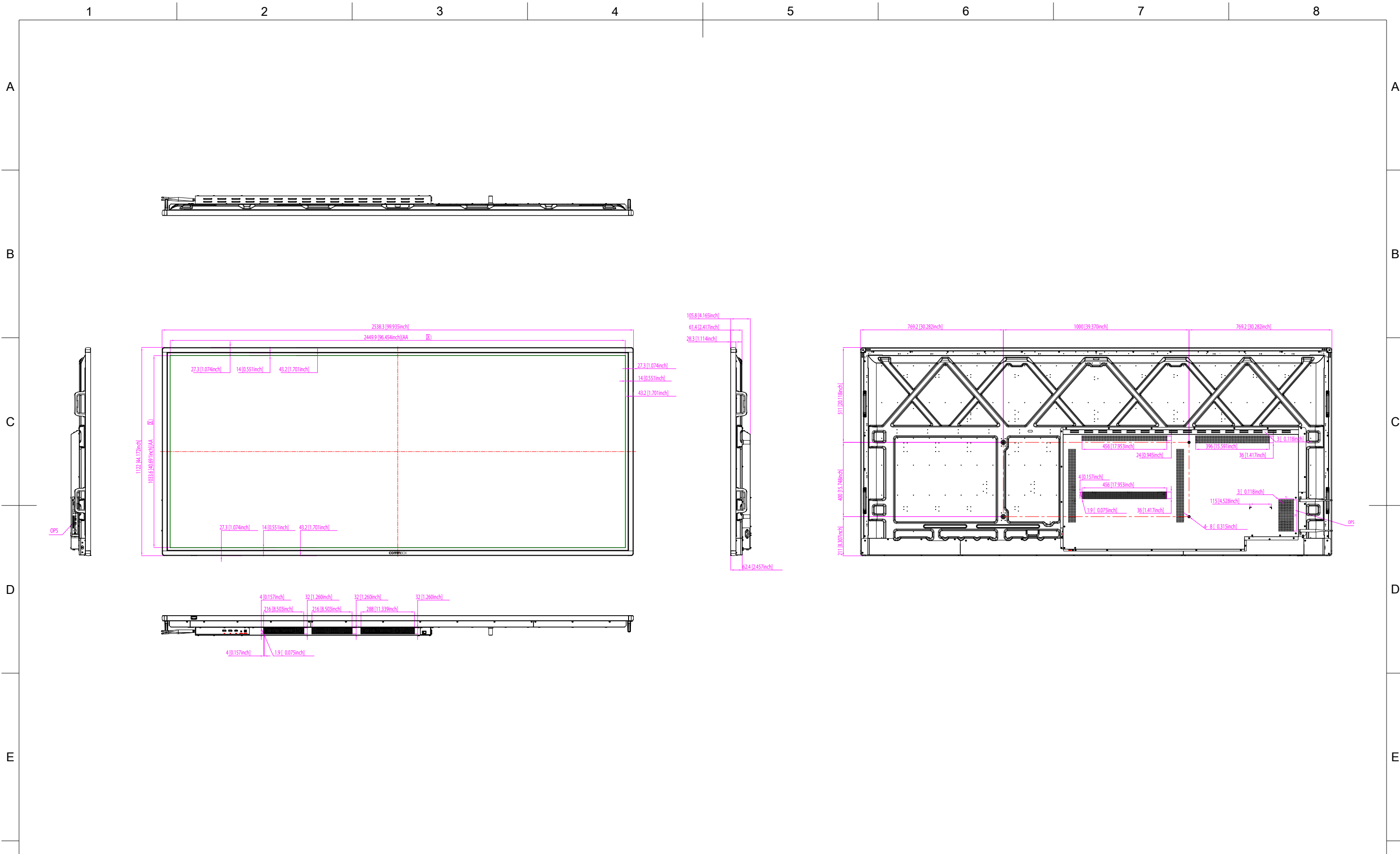
SOFTWARE	
Windows	Activated Windows 10 Pro License
Screenshare	CommBox Connect powered by Eshare

STRUCTURE	
Product Size	2538.3mm x 147.8mm x 1122mm
Package Size	2800mm x 435mm x 1550mm
Housing Material	Aluminium/Metal Plate
Housing Colour	Black
VESA	1000mm x 400mm
Wall-hanging Screw Spec	M8
Net Weight	103kg
Gross Weight	162kg

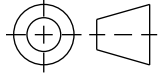
WHAT'S IN THE BOX	
OPS	OPS i7
Accessories	2 AAA Batteries 1 x Remote 2 x Stylus 1 x 3M USB A-B touch cable 1 x 3M HDMI cable 1 x Eraser 1 x Wall mount bracket

COMMBOX EXPERIENCE	
Warranty	5 Year Warranty
Support	Same business day help desk support

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1	Initial Drawing of Horizon	10/12/19	IP
REV	CHANGE	DATE	BY
1			


DO NOT SCALE
 ALL DIMENSIONS ARE IN MM
 GENERAL TOLERANCE

100 <	±0.25	±0.15	UNLESS OTHERWISE STATED
300 <	±0.50	±0.25	
300 >	±1.00	±0.50	

DRAWN:	Ian Pettener
DATE:	10/12/19
CHECK:	PG
APPR:	IP

CommBox Horizon 105
Mechanical Drawing
 DWG No: CBIH105


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