

Intelligent Display
Gen 2

Premium secure 4K display that simplifies signage, meetings and classrooms -powered by CommBox OS



SPECIFICATIONS

SKU:	CBDI0243	CBDI0255	CBDI0265	CBDI0275	CBDI0286	CBDI0298
LCD Size	43"	55"	65"	75"	86"	98"
DISPLAY						
Screen Type	LCD	LCD	LCD	LCD	LCD	LCD
Glass Protection	Anti-glare 28%	Anti-glare 28%	Anti-glare 28%	Anti-glare 28%	Anti-glare 28%	Anti-glare 28%
Backlight Type	D-LED	D-LED	D-LED	D-LED	D-LED	D-LED
Orientation	Landscape Portrait	Landscape Portrait	Landscape Portrait	Landscape Portrait	Landscape Portrait	Landscape Portrait
Aspect Ratio	16:9 9:16	16:9 9:16	16:9 9:16	16:9 9:16	16:9 9:16	16:9 9:16
Resolution (H)/(V)	3840 x 2160	3840 x 2160	3840 x 2160	3840 x 2160	3840 x 2160	3840 x 2160
View Area (H)/(V)mm	941.18 x 529.41	1209.60 x 680.40	1428.48 x 803.52	1649.66 x 927.94	1895.04 x 1065.96	2158.85 x 1214.35
Brightness (cd/m2)	500	500	500	500	500	500
Contrast Ratio	4000:1	5000:1	5000:1	5500:1	1200:1	1200:1
LCD Refresh Rate (Hz)	60	60	60	60	60	60
Viewing Angle (°)	178	178	178	178	178	178
Life of Screen (Hrs)	50,000 (24x7)	50,000 (24x7)	50,000 (24x7)	50,000 (24x7)	50,000 (24x7)	50,000 (24x7)
Response Time	6.5ms	6.5ms	8ms	8ms	8ms	8ms
Display Colours (10bit)	1.07	1.07	1.07	1.07	1.07	1.07
Colour Gamut	72%	72%	72%	72%	72%	72%
Bezel Colour	Black	Black	Black	Black	Black	Black
Bezel - Even on all sides	Yes	Yes	Yes	Yes	Yes	Yes
Bezel width	9.9mm	9.9mm	15.9mm	15.9mm	15.9mm	18mm

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AUDIO						
Speaker Type	Downward facing	Downward facing	Downward facing	Downward facing	Downward facing	Downward facing
Sound channel	2	2	2	2	2	2
Speaker (W)	2 x 16W	2 x 16W	2 x 16W	2 x 16W	2 x 16W	2 x 16W
COMPUTE						
OS	Android 14	Android 14	Android 14	Android 14	Android 14	Android 14
System Version	CommBox OS	CommBox OS	CommBox OS	CommBox OS	CommBox OS	CommBox OS
RAM	4G	4G	4G	4G	4G	4G
ROM	32G	32G	32G	32G	32G	32G
Architecture	Cortex A73x4, Mali-G57 MC1	Cortex A73x4, Mali-G57 MC1	Cortex A73x4, Mali-G57 MC1	Cortex A73x4, Mali-G57 MC1	Cortex A73x4, Mali-G57 MC1	Cortex A73x4, Mali-G57 MC1
CONTROL						
RS232 Control	Yes - Baud rate 9600	Yes - Baud rate 9600	Yes - Baud rate 9600	Yes - Baud rate 9600	Yes - Baud rate 9600	Yes - Baud rate 9600
IP Control	Yes	Yes	Yes	Yes	Yes	Yes
Wake on Lan	Yes	Yes	Yes	Yes	Yes	Yes
CommBox Web Controller	LAN Web Controller	LAN Web Controller	LAN Web Controller	LAN Web Controller	LAN Web Controller	LAN Web Controller
Remote Device Mgt	Yes - optional with CommBox Manage	Yes - optional with CommBox Manage	Yes - optional with CommBox Manage	Yes - optional with CommBox Manage	Yes - optional with CommBox Manage	Yes - optional with CommBox Manage
Control Certified	QSYS	QSYS	QSYS	QSYS	QSYS	QSYS
POWER						
Power	240V	240V	240V	240V	240V	240V
Typical/Max w OPS	45W/222W	67W/235W	96W/274W	116W/342W	147W/376W	173W/485W
Stand by	<0.5W	<0.5W	<0.5W	<0.5W	<0.5W	<0.5W

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CONNECTIVITY						
WIFI Chipset	Removable WIFI 6 Module	Removable WIFI 6 Module	Removable WIFI 6 Module	Removable WIFI 6 Module	Removable WIFI 6 Module	Removable WIFI 6 Module
WIFI Operating Frequency	2.4GHz/5GHz/6 GHz	2.4GHz/5GHz/6 GHz	2.4GHz/5GHz/6 GHz	2.4GHz/5GHz/6 GHz	2.4GHz/5GHz/6 GHz	2.4GHz/5GHz/6 GHz
WIFI Standard	802.11ac/b/g/n/ac/ax	802.11ac/b/g/n/ac/ax	802.11ac/b/g/n/ac/ax	802.11ac/b/g/n/ac/ax	802.11ac/b/g/n/ac/ax	802.11ac/b/g/n/ac/ax
Bluetooth Version	5.3	5.3	5.3	5.3	5.3	5.3
Bluetooth Frequency	2.4GHz	2.4GHz	2.4GHz	2.4GHz	2.4GHz	2.4GHz
Operating Distance	0-10m	0-10m	0-10m	0-10m	0-10m	0-10m

INPUT AND OUTPUTS - BACK ONLY

HDMI In	3 x Up to 4K@60Hz, ARC(HDMI 1)	3 x Up to 4K@60Hz, ARC(HDMI 1)	3 x Up to 4K@60Hz, ARC(HDMI 1)	3 x Up to 4K@60Hz, ARC(HDMI 1)	3 x Up to 4K@60Hz, ARC(HDMI 1)	3 x Up to 4K@60Hz, ARC(HDMI 1)
HDMI Out	1 x Up to 4K@60Hz	1 x Up to 4K@60Hz	1 x Up to 4K@60Hz	1 x Up to 4K@60Hz	1 x Up to 4K@60Hz	1 x Up to 4K@60Hz
USB-A 2.0	1	1	1	1	1	1
USB-A 3.0	1	1	1	1	1	1
USB-C	1 - PD 65W	1 - PD 65W	1 - PD 65W	1 - PD 65W	1 - PD 65W	1 - PD 65W
LAN - RJ45	In - 1, Out - 1	In - 1, Out - 1	In - 1, Out - 1	In - 1, Out - 1	In - 1, Out - 1	In - 1, Out - 1
Audio In	1 - 3.5mm	1 - 3.5mm	1 - 3.5mm	1 - 3.5mm	1 - 3.5mm	1 - 3.5mm
Audio Out	1 - 3.5mm	1 - 3.5mm	1 - 3.5mm	1 - 3.5mm	1 - 3.5mm	1 - 3.5mm
S/PDIF Out	1	1	1	1	1	1
RS-232	1	1	1	1	1	1
OPS Slot			1	1	1	1

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LCD Size	43"	55"	65"	75"	86"	98"
STRUCTURE						
Housing	Aluminium	Aluminium	Aluminium	Aluminium	Aluminium	Aluminium
Product Size (mm)	964.6×552.5×62	1233×703.5×62	1463.3×838.3×68	1685.6×963.7×68	1930.8×1101.7×68	2198.9×1254.6×68.6
Package Size (mm)	1506×647×156	1332×839×156	1628×942×186	1863×1090×225	2110×1247×225	2360×1425×280
Net Weight (kg)	9.42	13.00	23.73	33.22	40.80	53.90
Gross Weight (kg)	13.04	18.00	32.16	48.44	56.95	80.10
VESA (mm)	200x200	400 x 400	600 x 400	600 x 400	600 x 400	800 x 400
Wall-hanging screw spec	12mm M6	12mm M6	25mm M8	25mm M8	25mm M8	25mm M8

ENVIRONMENTAL CONDITIONS

Operation Temp (°C)	0 - 40	0 - 40	0 - 40	0 - 40	0 - 40	0 - 40
Operation Humidity (RH)	10% - 90%	10% - 90%	10% - 90%	10% - 90%	10% - 90%	10% - 90%
Storage Temp (°C)	-20 - 60	-20 - 60	-20 - 60	-20 - 60	-20 - 60	-20 - 60
Storage Humidity (Rh)	10% - 90%	10% - 90%	10% - 90%	10% - 90%	10% - 90%	10% - 90%
Altitude (m)	Below 5000	Below 5000	Below 5000	Below 5000	Below 5000	Below 5000

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OS



WHAT'S IN THE BOX

Amount	Accessories
2X	AAA Batteries
1X	Remote
1X	3M powercord - AU/NZ
1X	3M HDMI cable
1X	3M USB-C cable
1X	Wall Bracket and Mounting Kit

PRE-INSTALLED APPLICATIONS

CommBox OS - Lite
CommBox OS - Screen Presets
CommBox Connect
CommBox Store
CommBox Media Player
CommBox Manage (5 Year Licence not included)

COMMBX EXPERIENCE

Warranty	5 Year Warranty*
Training	Unlimited FREE virtual training
Support	Same business day help desk support

* For more information on regional warranties please see our website

All information and specs contained on this document are correct at time of publication

CERTIFICATIONS

Certifications	RoHS, RCM, CE
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