

Wave II Series

Sizes: 18.5", 19", 21.5", 24", 27" & 32"



NORTH INVENT



Mounting Options

The Wave II Monitors are a series of well-designed, rugged LED displays with full glass front and PCAP multitouch option.

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WAVE II MOUNTING OPTIONS



Page 3-4
MON



Page 5-6
MON & HIN



Page 7-8
MON & HIN & HMI



Page 9-10
MON & HIN & ext. HMI



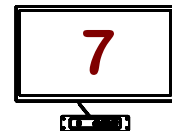
Page 11-12
MON & PAN & HMI



Page 13-14
MON & PAN



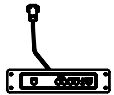
Page 15-16
MON & PAN & ext. HMI



Page 17-18
MON & ext. HMI



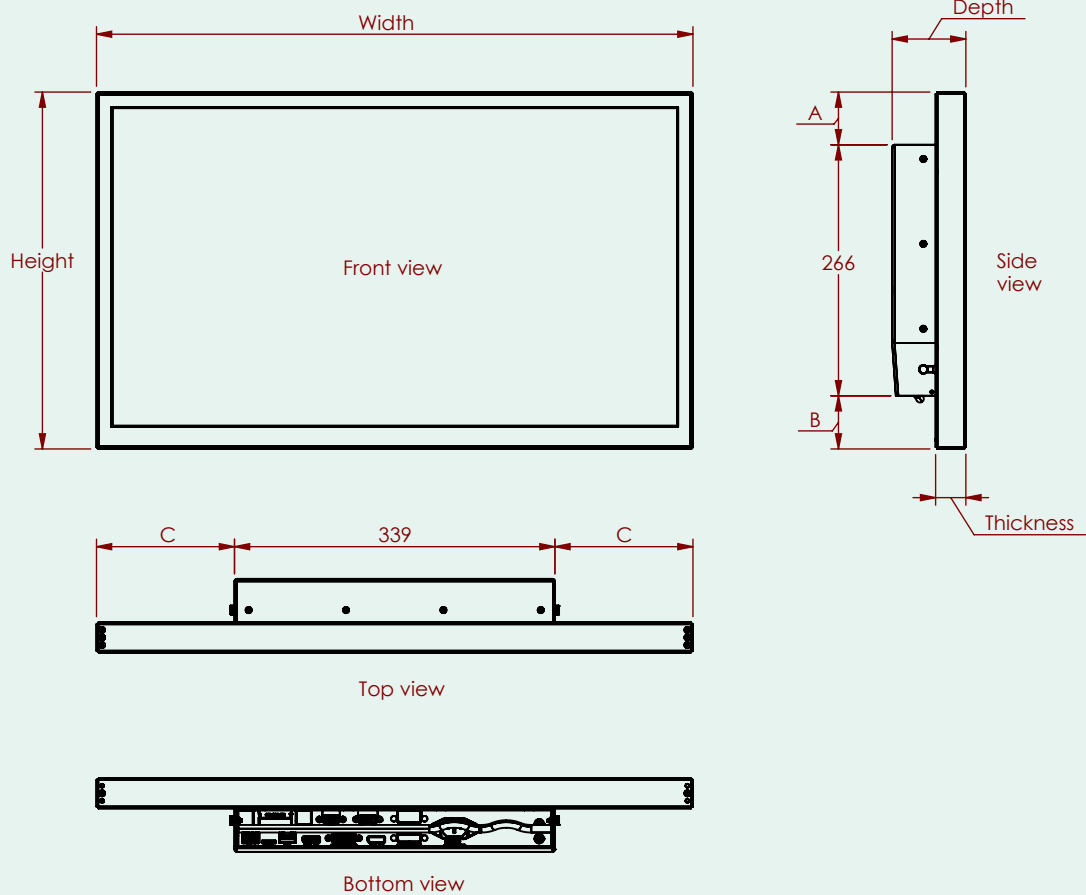
Page 19
Bracket



Page 20-21
HMI

WAVE II MOUNTING OPTIONS

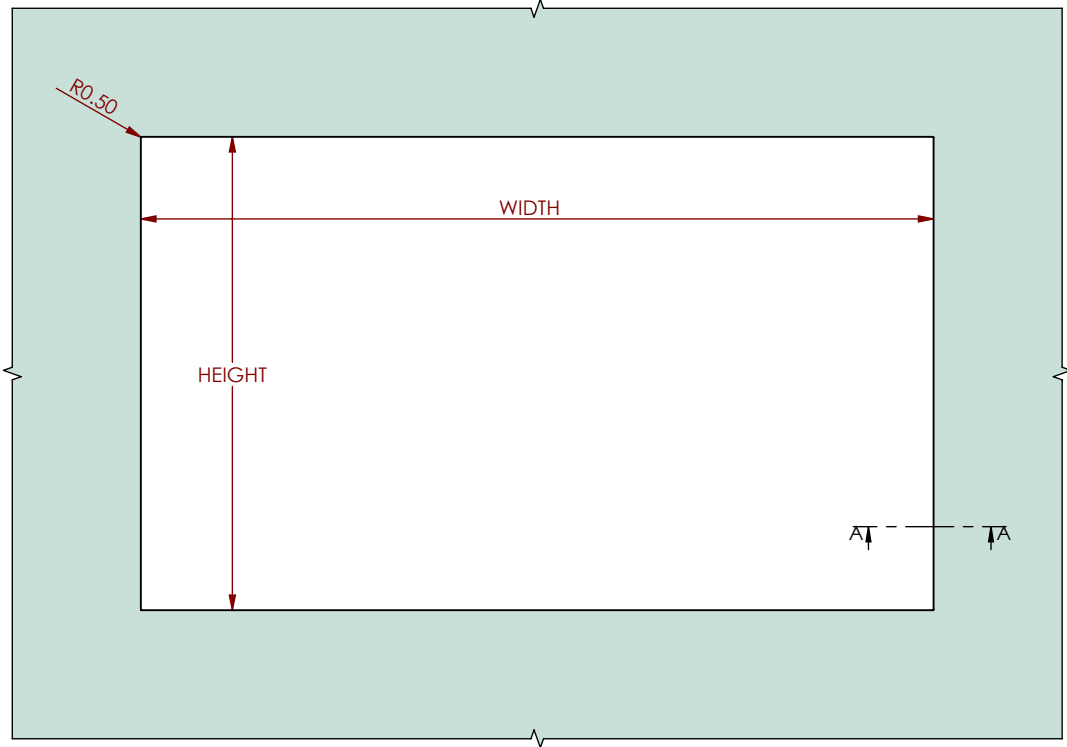
CONFIGURATION 0 Monitor only (MON)



SIZE	WIDTH	HEIGHT	DEPTH	THICKN.	A	B	C
18.5"	448.4	272.6	78	32	3.3	3.8	54.7
19"	414	342.0	78	32	38.0	38.5	37.5
21.5"	513.6	310.6	78	32	22.3	22.8	87.3
24"	574	341.0	78	32	37.5	38	117.5
27"	631	377.6	78	32	55.8	56.3	146
32"	743.4	447.9	79	33	91.0	91.4	202.2

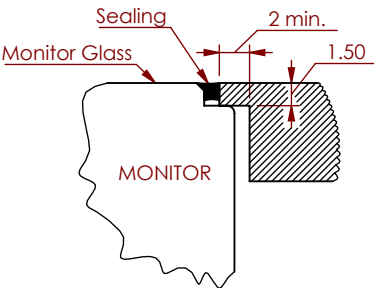
WAVE II MOUNTING OPTIONS

CONFIGURATION 0 Cut-out



SIZE	WIDTH	HEIGHT
18.5"	446.4	270.6
19"	412	340.0
21.5"	511.6	308.6
24"	572	339.0
27"	629	375.6
32"	741.4	445.9

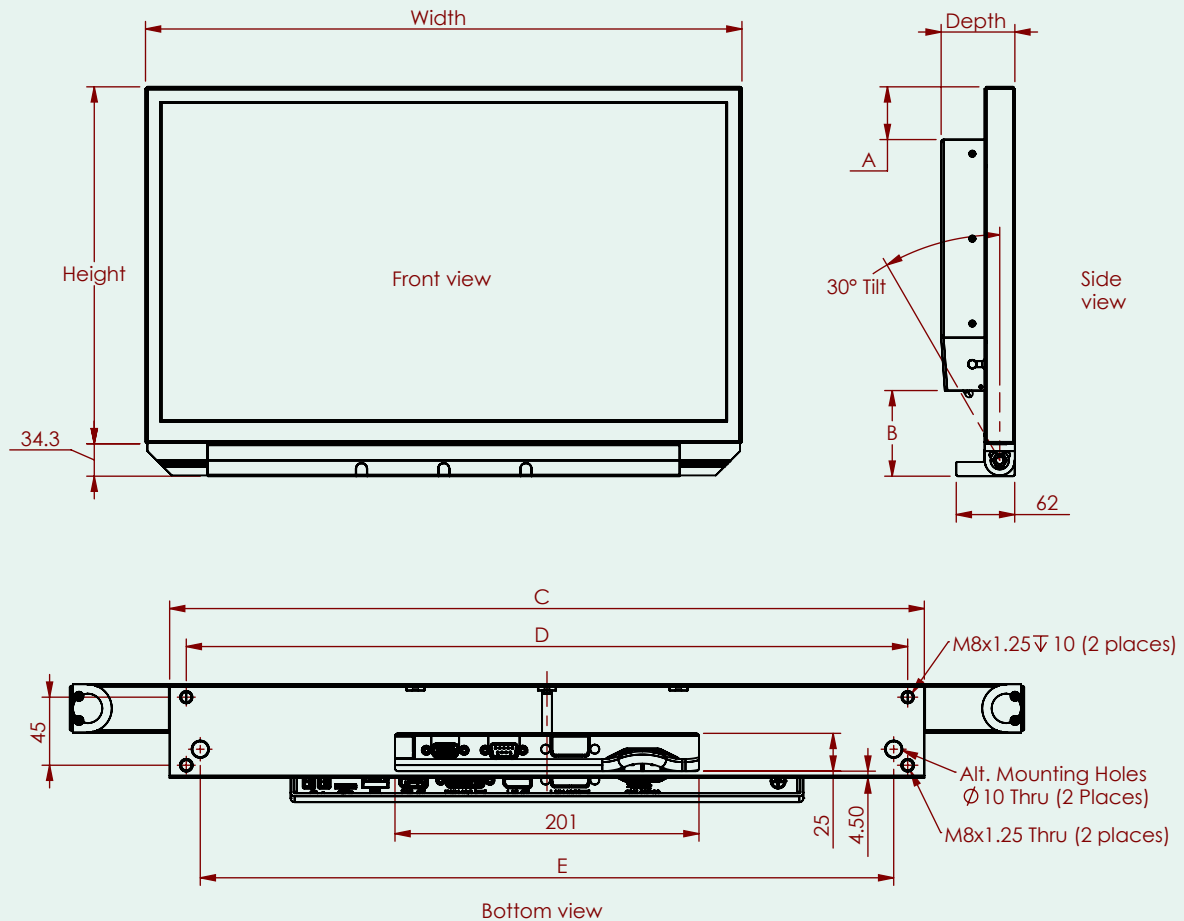
MOUNTING DETAIL FOR MAX. IP RATING.



SECTION A-A
SCALE 2 : 1

WAVE II MOUNTING OPTIONS

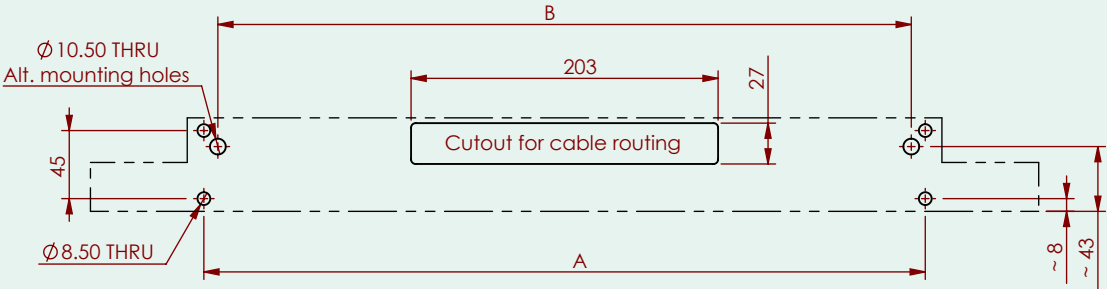
CONFIGURATION 1 Monitor with Hinge (MON & HIN)



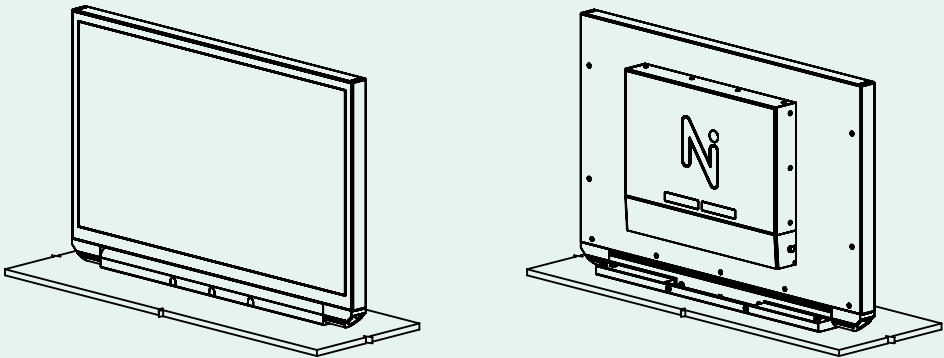
SIZE	WIDTH	HEIGHT	DEPTH	A	B	C	D	E
18.5"	448.4	272.6	78	3.3	3.8	316.4	294.4	275.9
19"	414	342.0	78	38.0	38.5	282	260	241.5
21.5"	513.6	310.6	78	22.3	22.8	381.6	359.6	341.1
24"	574	341.0	78	37.5	38	442	420	401.5
27"	631	377.6	78	55.8	56.3	499	477	458.5
32"	743.4	447.9	79	91.0	91.4	611.4	589.4	570.9

WAVE II MOUNTING OPTIONS

CONFIGURATION 1
Foot-Print



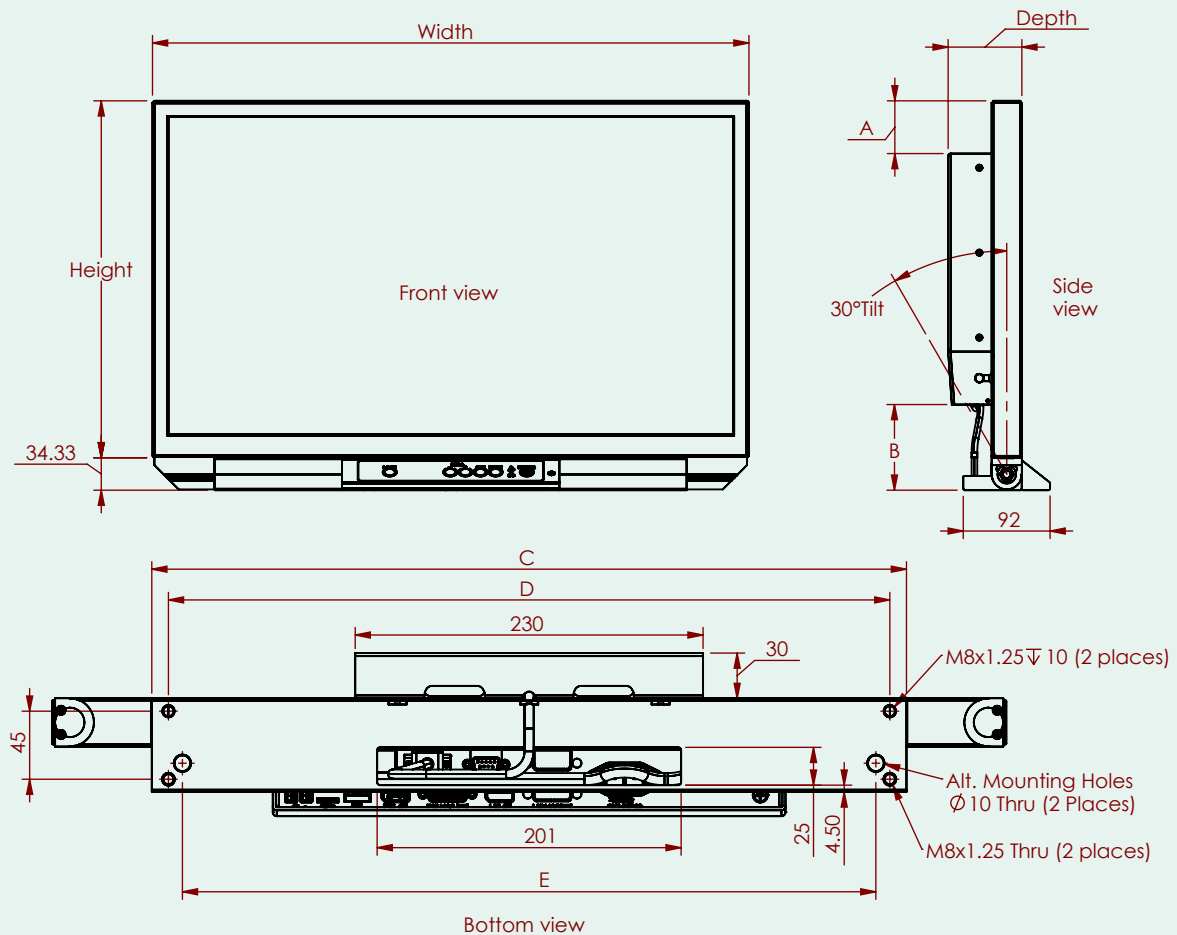
SIZE	A	B
18.5"	294.4	275.9
19"	260	241.5
21.5"	359.6	341.1
24"	420	401.5
27"	477	458.5
32"	589.4	570.9



WAVE II MOUNTING OPTIONS

CONFIGURATION 2

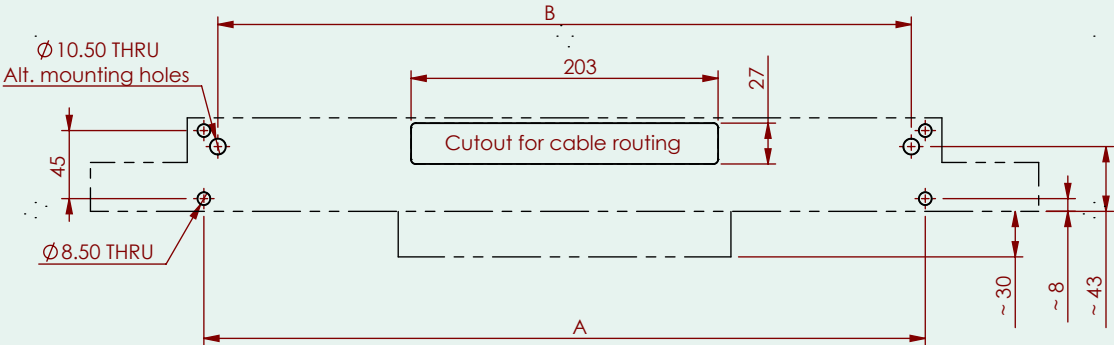
Monitor with Hinge & Integrated Human Interface Module (MON & HIN & HMI)



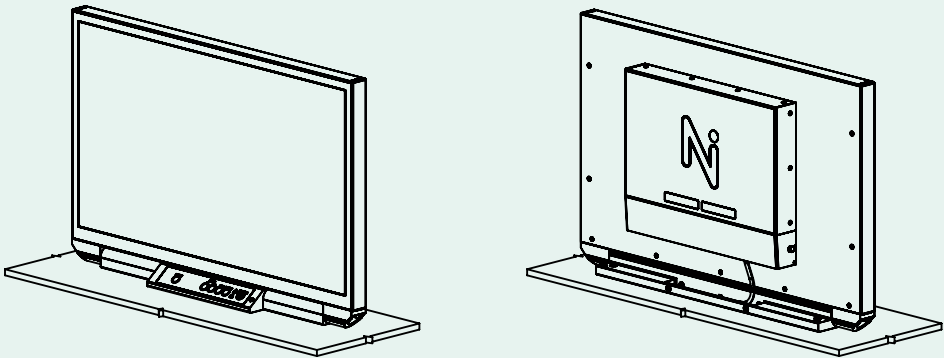
SIZE	WIDTH	HEIGHT	DEPTH	A	B	C	D	E
18.5"	448.4	272.6	78	3.3	3.8	316.4	294.4	275.9
19"	414	342.0	78	38.0	38.5	282	260	241.5
21.5"	513.6	310.6	78	22.3	22.8	381.6	359.6	341.1
24"	574	341.0	78	37.5	38	442	420	401.5
27"	631	377.6	78	55.8	56.3	499	477	458.5
32"	743.4	447.9	79	91.0	91.4	611.4	589.4	570.9

WAVE II MOUNTING OPTIONS

CONFIGURATION 2 Foot-Print



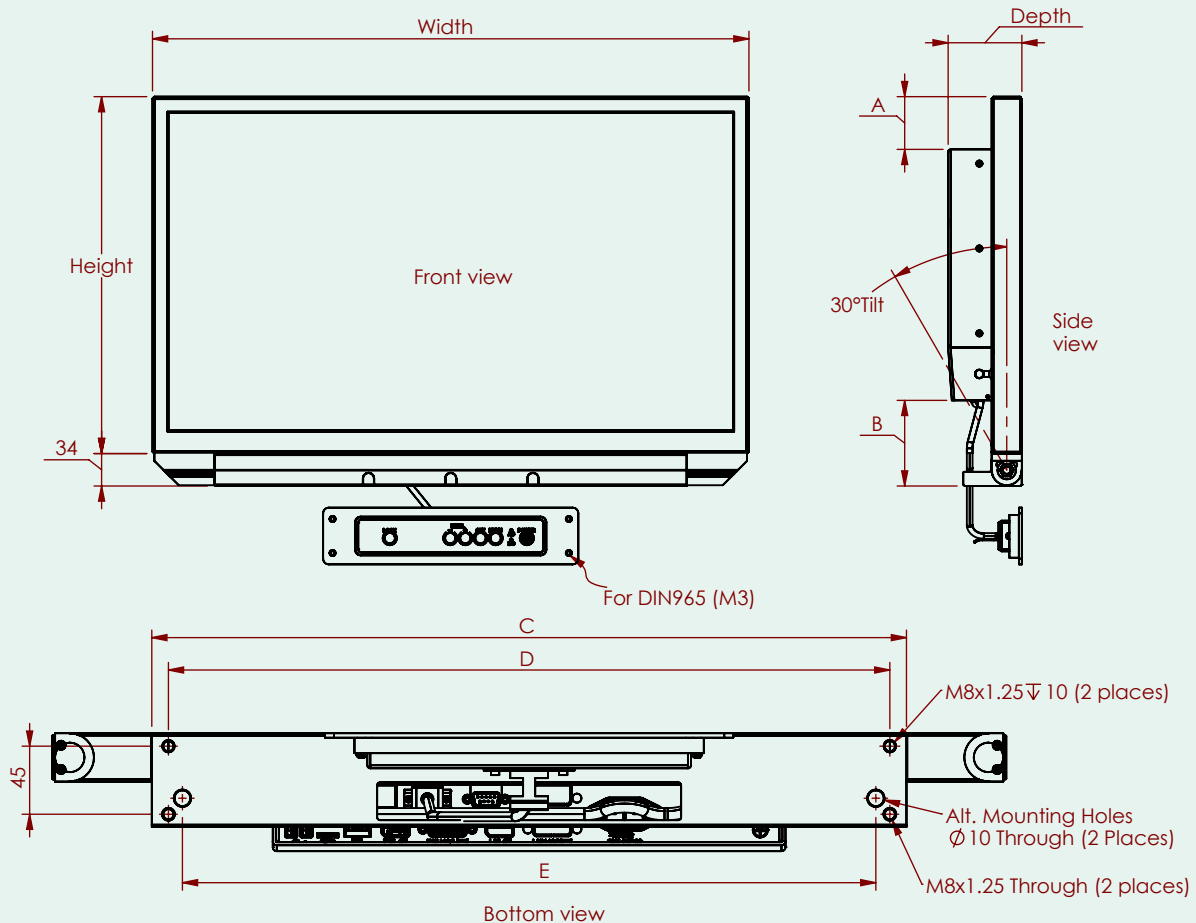
SIZE	A	B
18.5"	294.4	275.9
19"	260	241.5
21.5"	359.6	341.1
24"	420	401.5
27"	477	458.5
32"	589.4	570.9



WAVE II MOUNTING OPTIONS

CONFIGURATION 3

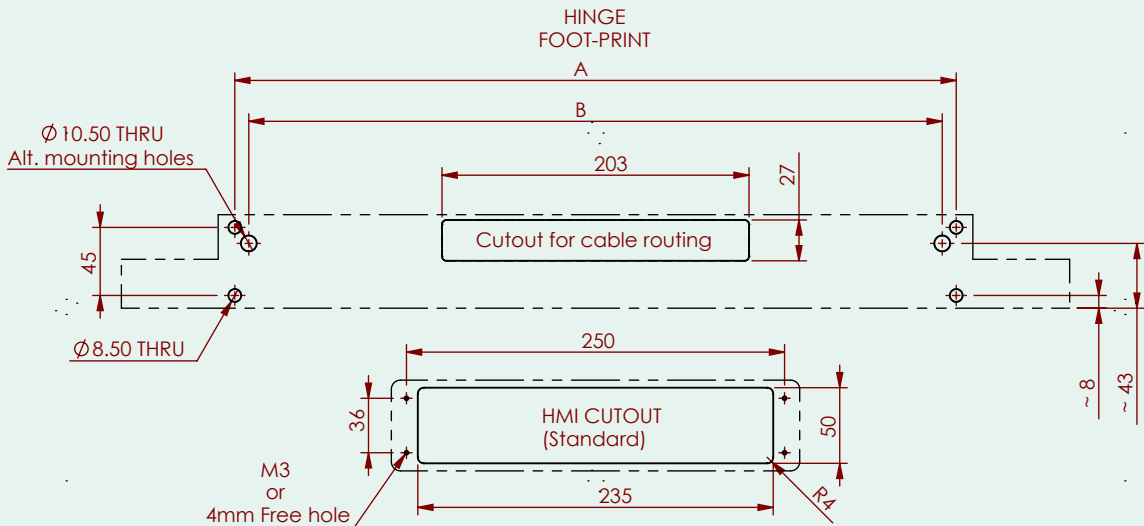
Monitor with Hinge & External Human Interface Module (MON & HIN & HMI)



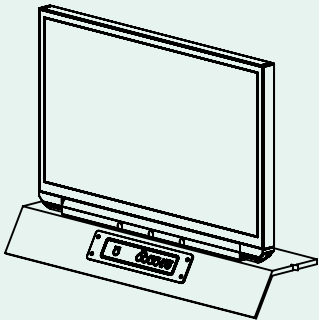
SIZE	WIDTH	HEIGHT	DEPTH	A	B	C	D	E
18.5"	448.4	272.6	78	3.3	38.1	316.4	294.4	275.9
19"	414	342.0	78	38.0	72.8	282	260	241.5
21.5"	513.6	310.6	78	22.3	57.1	381.6	359.6	341.1
24"	574	341.0	78	37.5	72.3	442	420	401.5
27"	631	377.6	78	55.8	90.6	499	477	458.5
32"	743.4	447.9	79	91.0	125.7	611.4	589.4	570.9

WAVE II MOUNTING OPTIONS

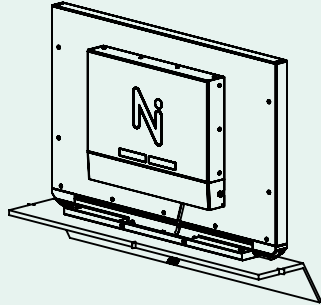
CONFIGURATION 3 Foot-Print & Cut-out



NOTE:
Please be aware of the HMI cable length relative to monitor size.

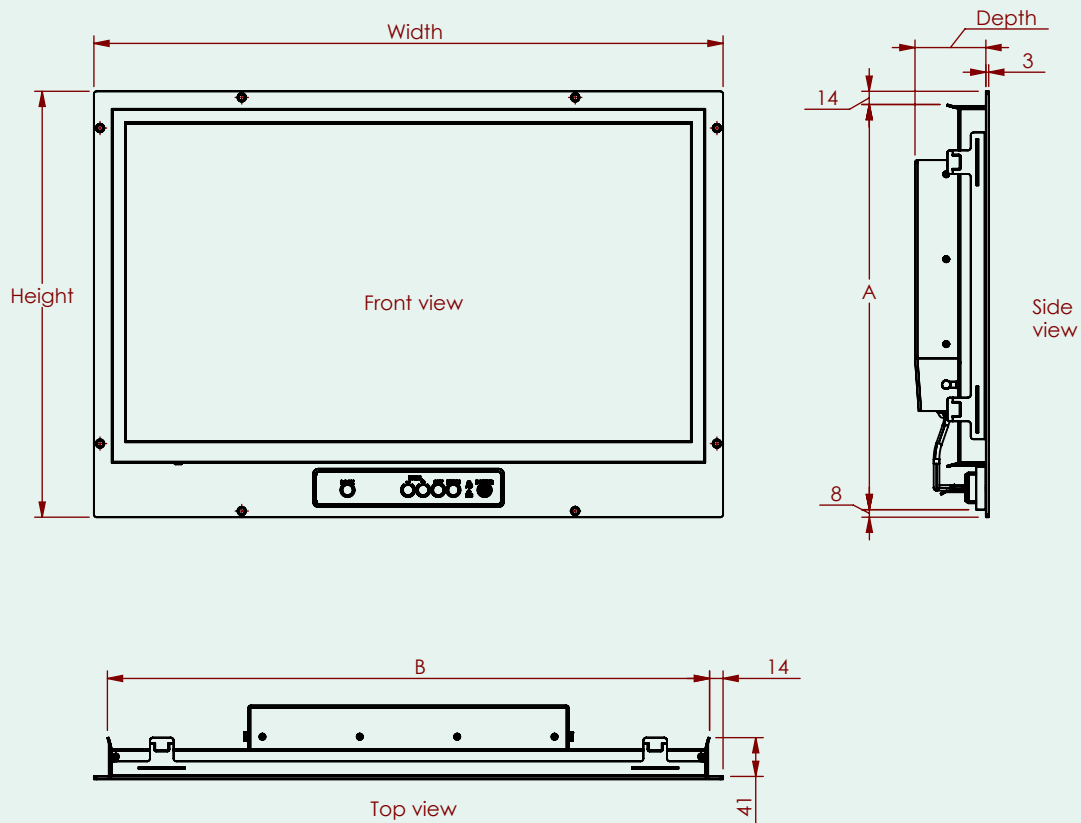


SIZE	A	B
18.5"	294.4	275.9
19"	260	241.5
21.5"	359.6	341.1
24"	420	401.5
27"	477	458.5
32"	589.4	570.9



WAVE II MOUNTING OPTIONS

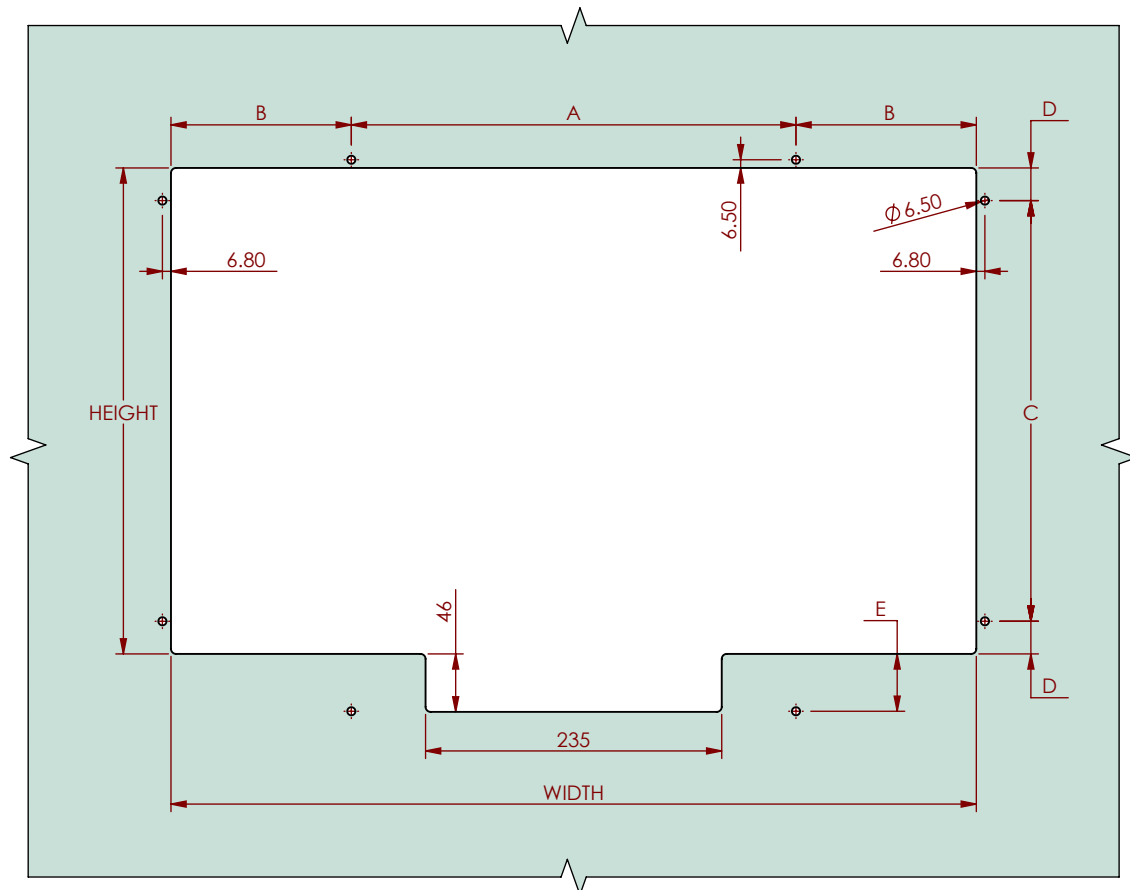
CONFIGURATION 4 Monitor with Panel & Integrated Human Interface Module (MON & PAN & HMI)



SIZE	WIDTH	HEIGHT	DEPTH	A	B
18.5"	483	345.6	78	323.6	454.5
19"	448.6	415	78	393	420.1
21.5"	548.2	383.6	78	361.6	519.7
24"	608.6	414	78	392	580.1
27"	665.6	450.6	78	428.6	637.1
32"	N/A	N/A	N/A	N/A	N/A

WAVE II MOUNTING OPTIONS

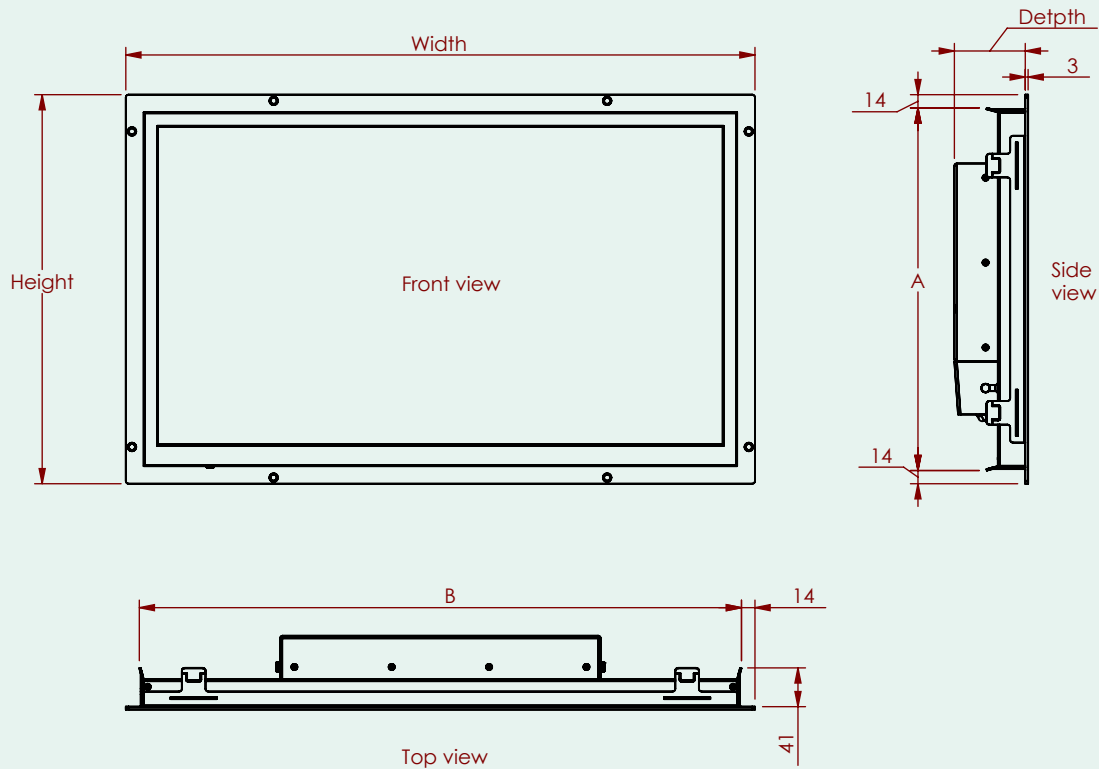
CONFIGURATION 4
Cut-out



SIZE	WIDTH	HEIGHT	A	B	C	D	E
18.5"	456.4	280.6	310	73.2	231.4	24.6	45.5
19"	422	350	336.7	42.6	300.8	24.6	45.5
21.5"	521.6	318.6	293.8	113.9	300.8	8.9	45.5
24"	582	349	324	129	300	24.5	45.5
27"	639	385.6	352.8	143.1	333.8	25.9	45.5
32"	N/A	N/A	N/A	N/A	N/A	N/A	N/A

WAVE II MOUNTING OPTIONS

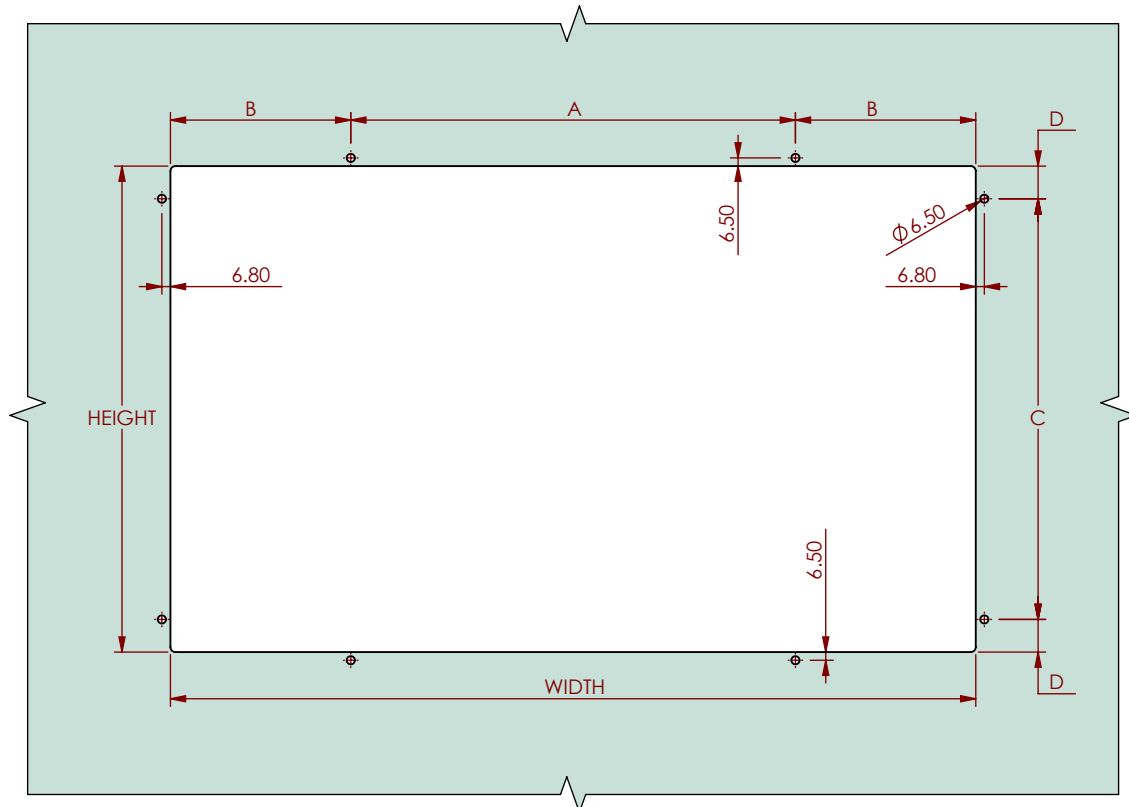
CONFIGURATION 5 Monitor with Panel (MON & PAN)



SIZE	WIDTH	HEIGHT	DEPTH	A	B
18.5"	483	306.6	78	278.6	454.5
19"	448.6	376	78	348	420.1
21.5"	548.2	344.6	78	316.6	519.7
24"	608.6	375	78	347	580.1
27"	665.6	411.6	78	383.6	637.1
32"	N/A	N/A	N/A	N/A	N/A

WAVE II MOUNTING OPTIONS

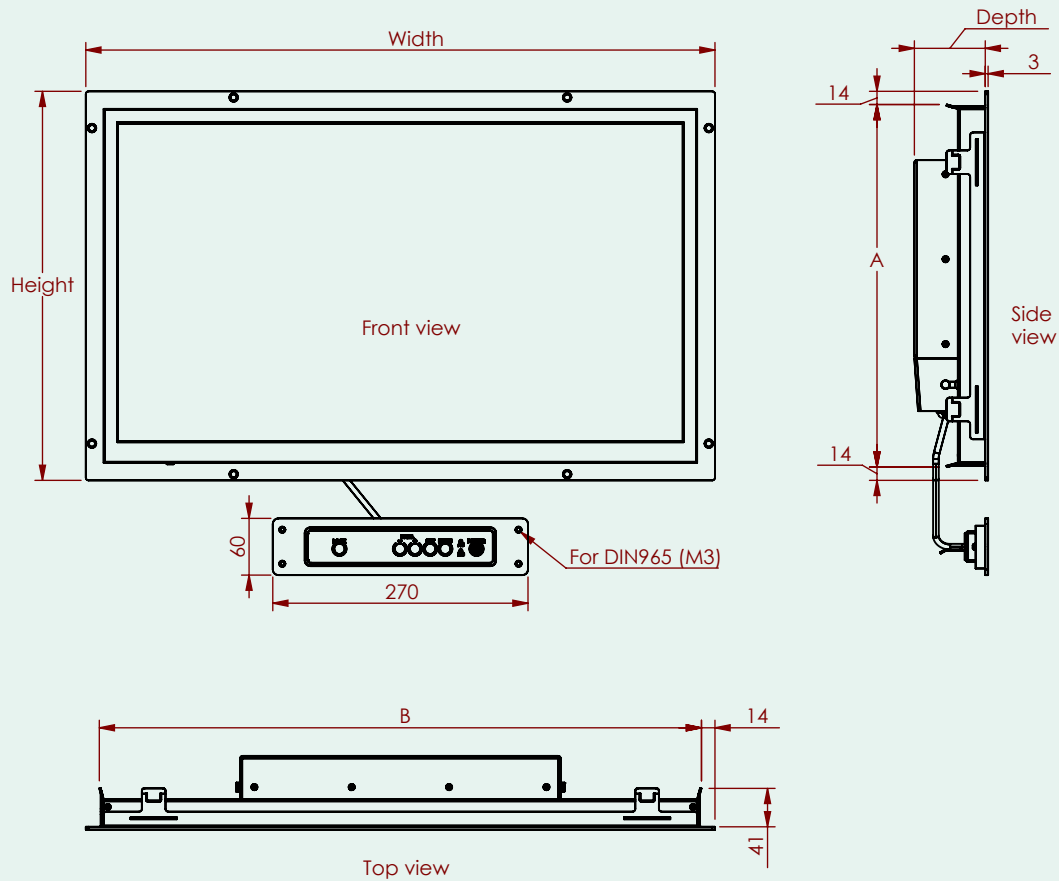
CONFIGURATION 5 Cut-out



SIZE	WIDTH	HEIGHT	A	B	C	D
18.5"	456	280.6	310	73.2	231.4	24.6
19"	422	350.0	336.7	42.6	300.8	24.6
21.5"	522	318.6	293.8	113.9	300.8	8.9
24"	582	349.0	324	129	300	24.5
27"	639	385.6	352.8	143.1	333.8	25.9
32"	N/A	N/A	N/A	N/A	N/A	N/A

WAVE II MOUNTING OPTIONS

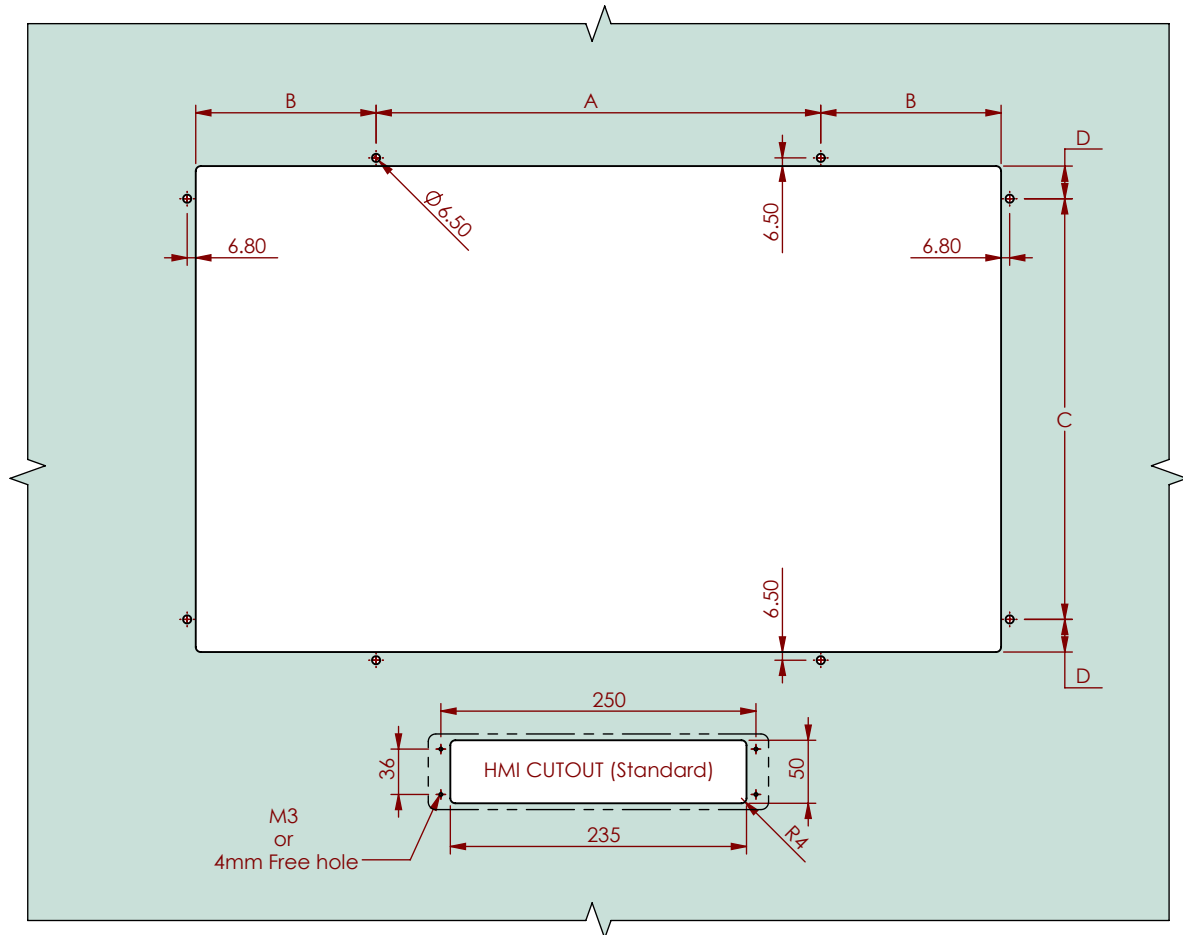
CONFIGURATION 6
Monitor with Panel & External Human Interface Module (MON & PAN & HMI)



SIZE	WIDTH	HEIGHT	DEPTH	A	B
18.5"	483	306.6	78	278.6	454.5
19"	448.6	376	78	348	420.1
21.5"	548.2	344.6	78	316.6	519.7
24"	608.6	375	78	347	580.1
27"	665.6	411.6	78	383.6	637.1
32"	N/A	N/A	79	N/A	N/A

WAVE II MOUNTING OPTIONS

CONFIGURATION 6 Cut-out

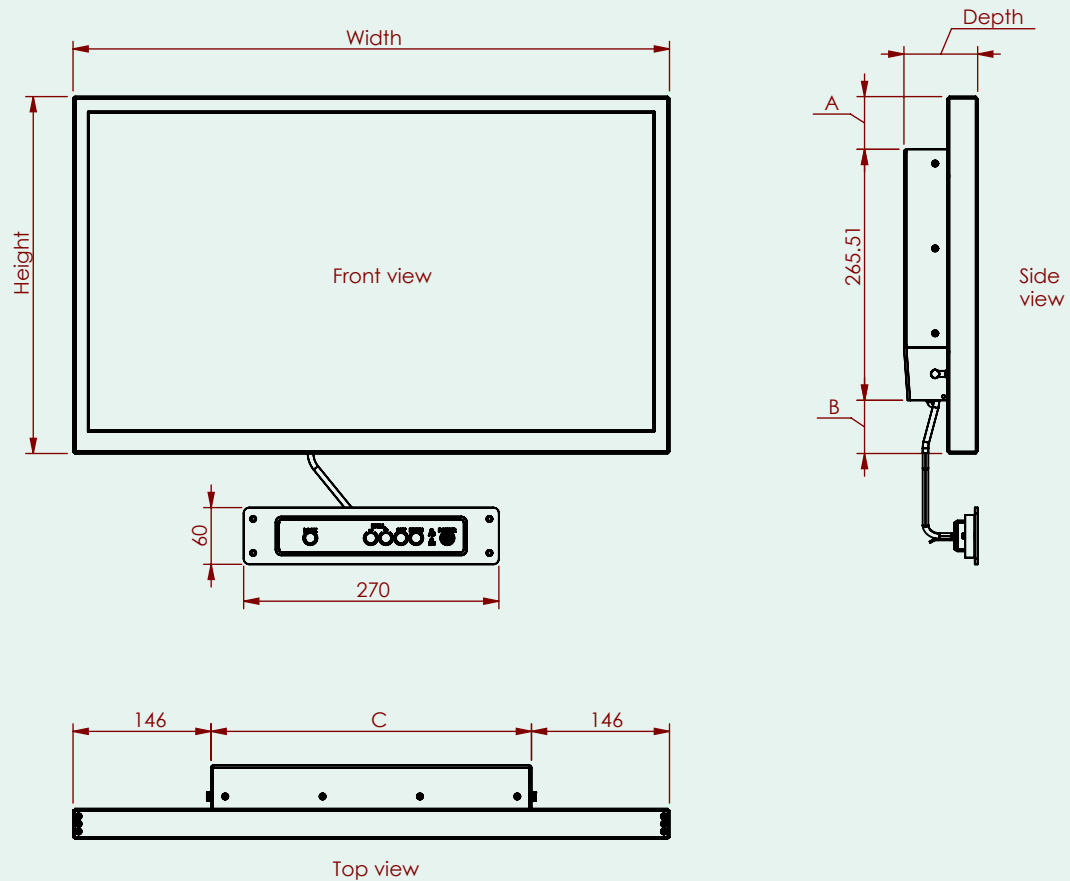


NOTE:
Please be aware of the HMI cable length relative to monitor size.

SIZE	WIDTH	HEIGHT	A	B	C	D
18.5"	456	280.6	310	73.2	231.4	24.6
19"	422	350.0	336.7	42.6	300.8	24.6
21.5"	522	318.6	293.8	113.9	300.8	8.9
24"	582	349.0	324	129	300	24.5
27"	639	385.6	352.8	143.1	333.8	25.9
32"	N/A	N/A	N/A	N/A	N/A	N/A

WAVE II MOUNTING OPTIONS

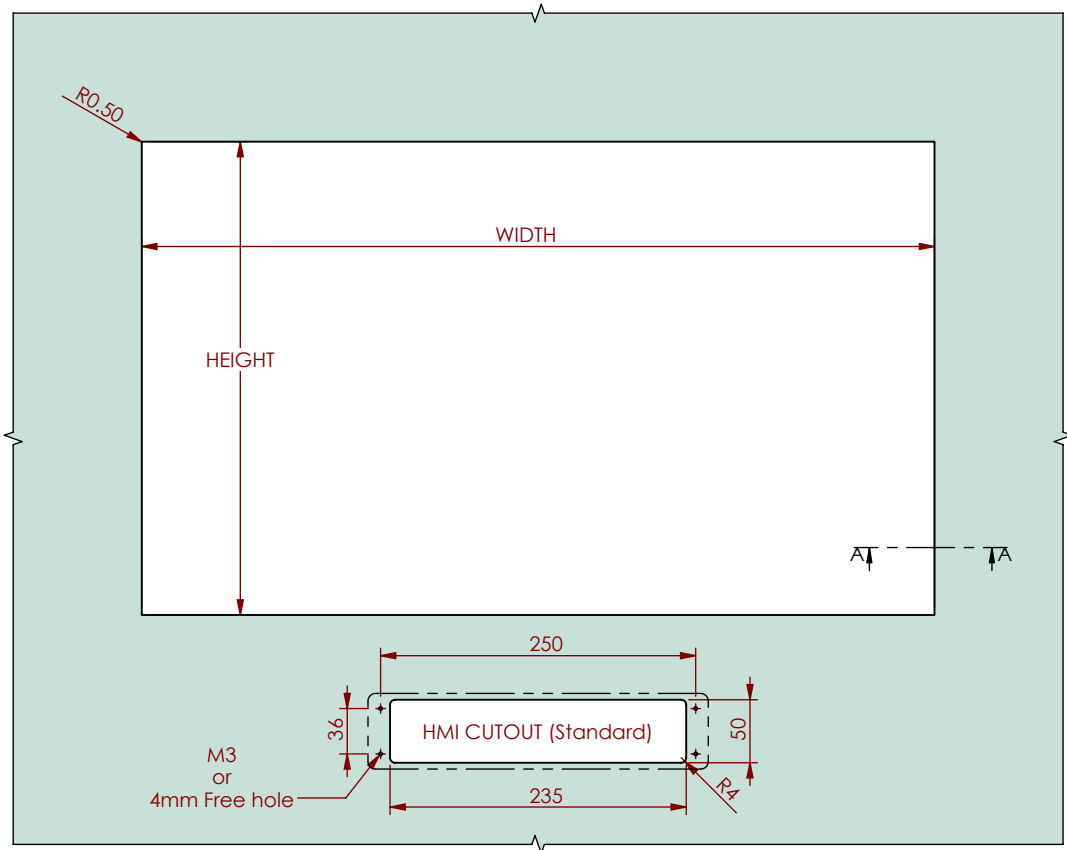
CONFIGURATION 7 Monitor with External Human Interface Module (MON & HMI)



SIZE	WIDTH	HEIGHT	DEPTH	A	B	C
18.5"	448.4	272.6	78	3.3	3.8	54.7
19"	414	342.0	78	38.0	38.5	37.5
21.5"	513.6	310.6	78	22.3	22.8	87.3
24"	574	341.0	78	37.5	38	117.5
27"	631	377.6	78	55.8	56.3	146
32"	743.4	447.9	79	91.0	91.4	202.2

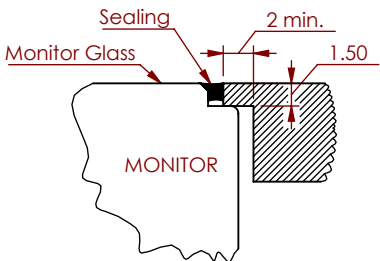
WAVE II MOUNTING OPTIONS

CONFIGURATION 7 Cut-out



SIZE	WIDTH	HEIGHT
18.5"	446.4	270.6
19"	412	340.0
21.5"	511.6	308.6
24"	572	339.0
27"	629	375.6
32"	741.4	445.9

MOUNTING DETAIL FOR MAX. IP RATING.



SECTION A-A
SCALE 2 : 1

2017060201 20170530-A1-Issued for Distribution

18/21

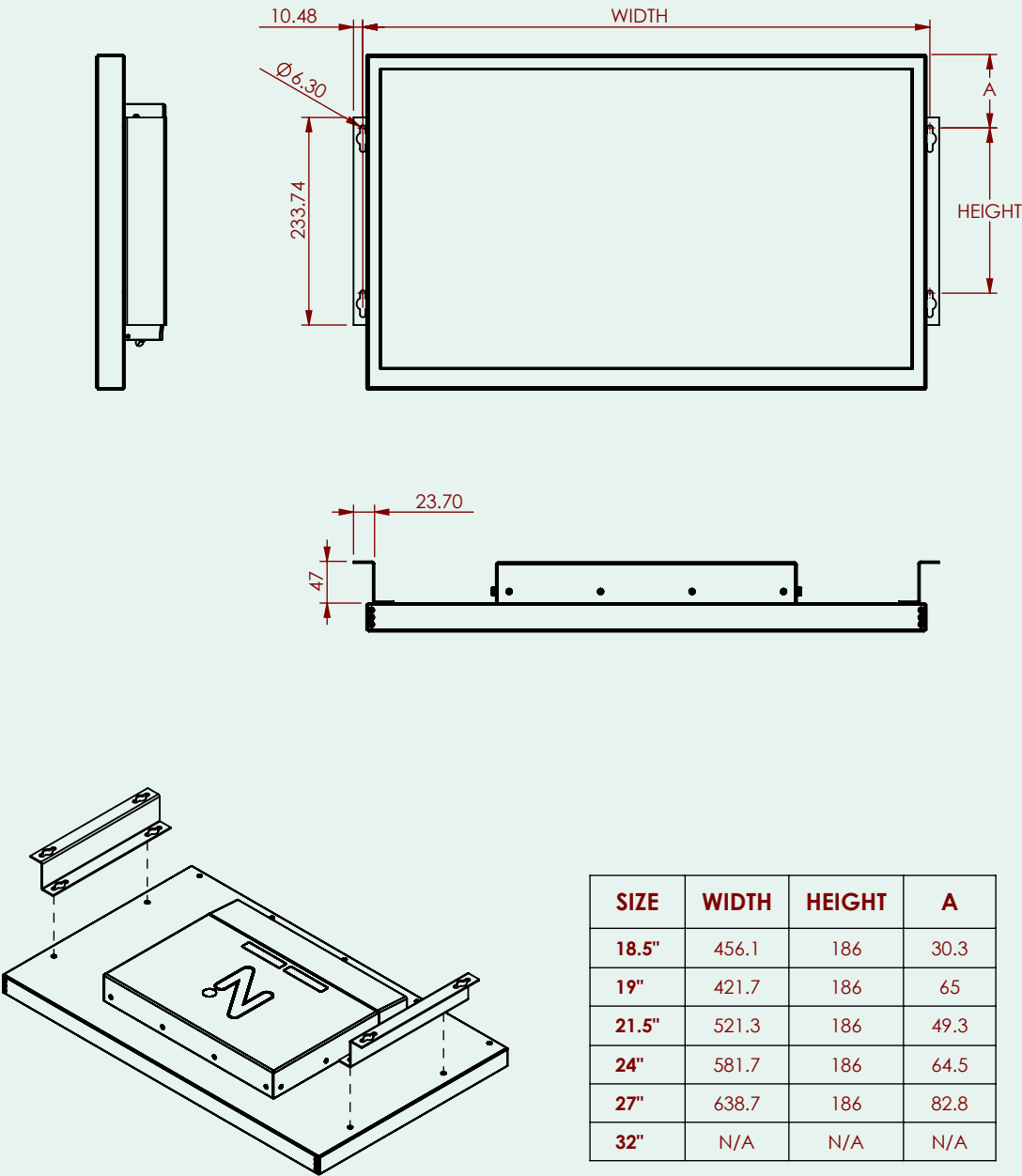
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WAVE II MOUNTING OPTIONS

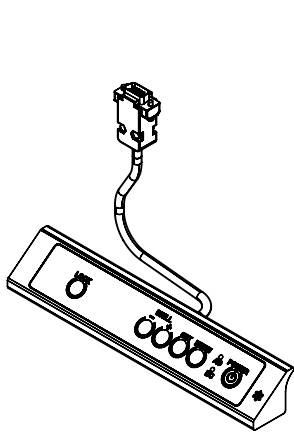
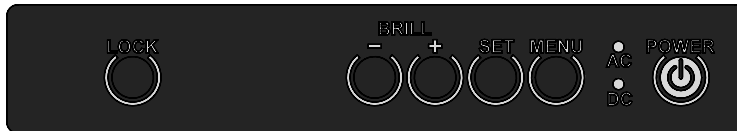
CONFIGURATION 8
Monitor mounted on brackets



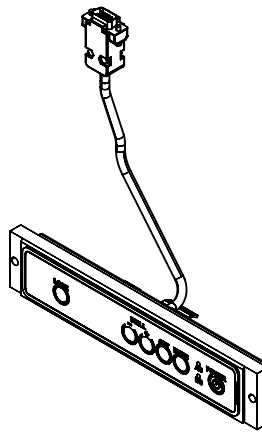
SIZE	WIDTH	HEIGHT	A
18.5"	456.1	186	30.3
19"	421.7	186	65
21.5"	521.3	186	49.3
24"	581.7	186	64.5
27"	638.7	186	82.8
32"	N/A	N/A	N/A

WAVE II MOUNTING OPTIONS

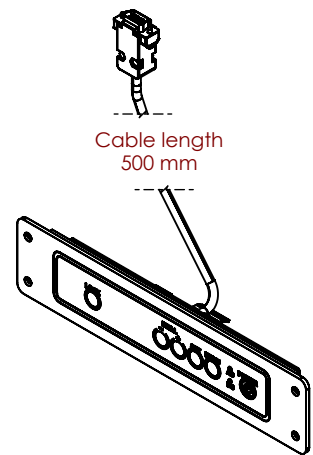
HMI CONFIGURATION
HMI for HINGE, PANEL or FREE mount



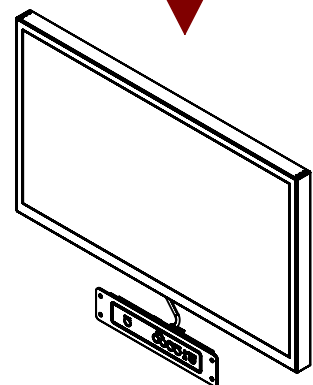
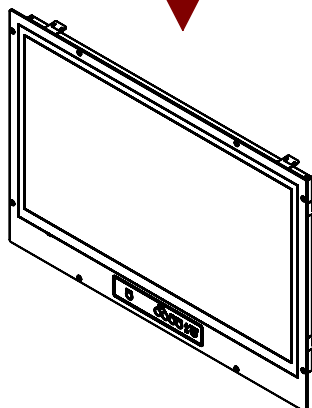
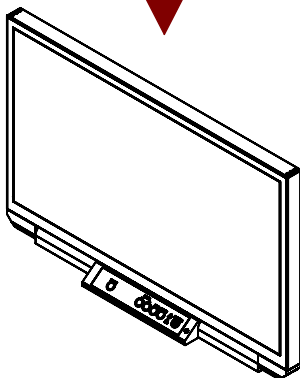
Used for configuration 2



Used for configuration 4

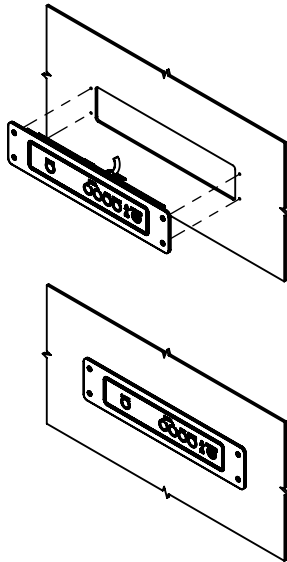


Used for configuration 3, 6 and 7

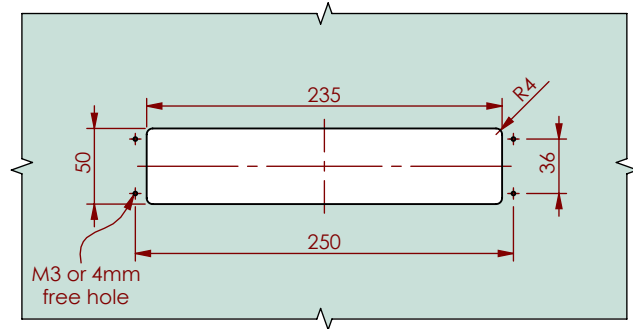


WAVE II MOUNTING OPTIONS

HMI CONFIGURATION HMI for HINGE, PANEL or FREE mount

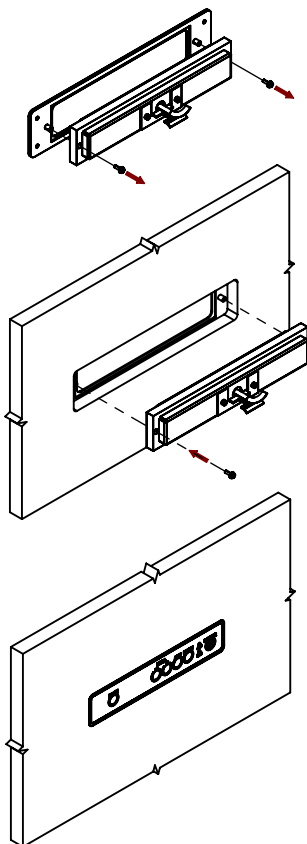


HMI CUTOUT (Standard)



FRONT VIEW

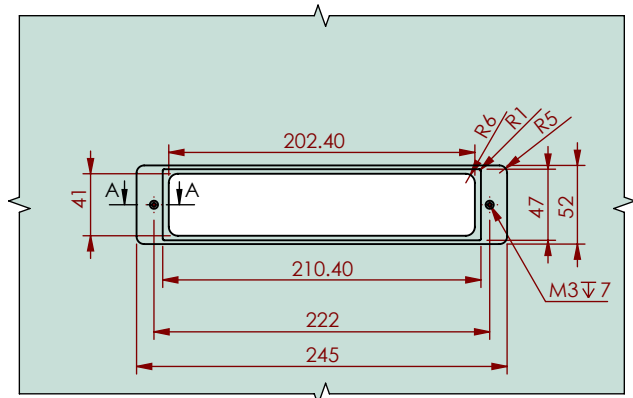
Note: Powder coating must be taken into consideration when preparing the cutout



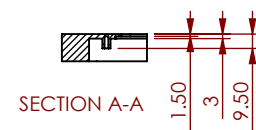
Unscrew screws, and remove the HMI adapter plate

Reuse screws and install the HMI into the cutout

HMI CUTOUT (Back side installation)



BACK SIDE VIEW



SECTION A-A