



HX

HX | Enclosed Unit with Integrated PC

DYNICS HX Monitor is an IP65 rated fully sealed enclosure, designed for industrial applications.

- NEMA 4 / NEMA 4X
- IP65/66
- 100~240VAC (3-Pin) / 24VDC (4-Pin)
- VESA / Wall Bracket Mount System with Up to 20° Tilt

DISPLAY SPECIFICATIONS

	15"	17"	19"
SIZE	XGA 1024 x 768	SXGA 1280 x 1024	SXGA 1280 x 1024
RESOLUTION	H: -80°/+80°, V: -80°/+80°	H: -85°/+85°, V: -80°/+80°	H: -85°/+85°, V: -80°/+80°
VIEW ANGLE	600:1	1000:1	1000:1
CONTRAST	350 nits	350 nits	350 nits
BRIGHTNESS	4:3	5:4	5:4
ASPECT RATIO	5-Wire Analog Resistive (Touch Screen) / Protective Polycarbonate Lens (Non-Touch)		
LENS	50,000 Hour Backlight Half-Life		
LCD LIFE	NEMA 4 Powder Coat Finish (Black) / NEMA 4X Stainless Steel		
ENCLOSURE	0-20° Tilt Bracket included with 60,100,150,200, & 250 VESA mounts (can also be used for wall mounting)		

PC SPECIFICATIONS

	Intel® Apollo Lake	Whiskey Lake 8th Gen Intel®
COMPUTER I/O	2x	2x
Ethernet Ports	2x	2x
USB 3.0 Ports	2x	2x
CPU	Intel® Apollo Lake N3350 / N4200	Intel® Core™ i5 8265U / i7 8565U
CPU SPEED	N3350 - 2.4 GHz, 2MB Cache (2 Cores, 2 Threads) N4200 - 2.5 GHz, 2MB Cache (4 Cores, 4 Threads) Up to 64GB DDR4	i5 – up to 3.9GHz, 6MB Cache (4 Cores, 8 Threads) i7 – up to 4.6GHz, 8MB Cache (4 Cores, 8 Threads) Up to 64GB DDR4
MEMORY STORAGE	256GB – 2TB SATA SSD / 1TB HDD	
OPERATING SYSTEM	- Windows® 10 Enterprise IoT LTSC 2019 (64-bit)	
POWER SUPPLY	100~240VAC (3-Pin) / 24VDC (4-Pin) Power Entry	
TEMPERATURE	Operating: 0°-50°C 32°-122°F Non-Operating: -25°-60°C -13°-140°F	
RELATIVE HUMIDITY	Non-Condensing: 20% - 80%	
SHOCK RESISTANCE	Operating: 10G Non-Operating: 15G	
VIBRATION	Operating: 1.0G from 57~2000Hz Non-Operating: 2.5G from 57~2000Hz	
INCLUDED COMPLIANCE WARRANTY	1x 6 ft. Power Cable European Union Directive 2011/65/EU (RoHS) 24-Month limited warranty. Extended warranty available, contact DYNICS for more details.	





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DIMENSIONS, WEIGHT AND POWER CONSUMPTION

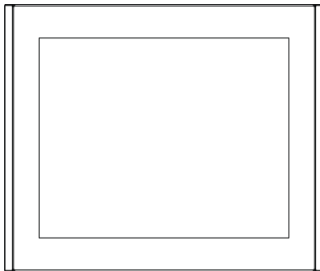
	15"	17"	19"
HEIGHT	12.840" (326.1mm)	14.580" (370.3mm)	16.040" (407.4mm)
WIDTH	16.423" (417.1mm)	17.983" (456.8mm)	19.173" (487.0mm)
DEPTH	5.302" (134.6mm)	5.302" (134.6mm)	5.302" (134.6mm)
WEIGHT	18 lbs.*	20 lbs.*	22 lbs.*
POWER CONSUMPTION	40 Watts**	50 Watts**	55 Watts**

* Weights are approximate, contact DYNICS for details.

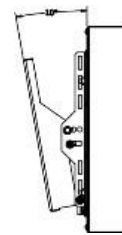
** Power consumption is based on maximum ratings, actual ratings vary significantly based on components used.

MECHANICAL DRAWINGS

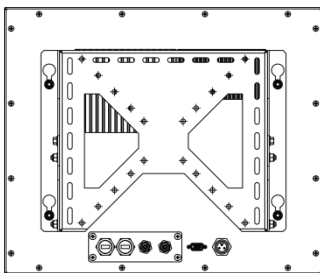
FRONT VIEW



SIDE VIEW

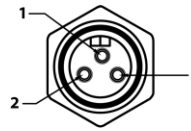


BACK VIEW



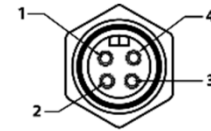
POWER ENTRY

(3-Pin) 100~240VAC



- 1 GROUND
- 2 LINE
- 3 NEUTRAL

(4-Pin) 24VDC



- 1 NO CONNECT
- 2 0 VDC
- 3 NO CONNECT
- 4 +24 VDC

*All measurements are in inches and pounds, unless noted. Pictures and drawings are not to scale. Estimated weight may change depending on options. DYNICS reserves the right to change, modify, upgrade, or discontinue any part of this datasheet without any prior notice.

