

UW37



UW37 | INTEGRATED ENCLOSURE

DYNICS UW37 is an Ultra-Wide 37" Display that can be integrated PC. It is built into a fully sealed IP55 metal enclosure.

- Ultra-Wide
- 100~240VAC (3-Pin Entry)
- Optional Wi-Fi
- Optional Soundbar

DISPLAY SPECIFICATIONS

SIZE	37" (Diagonal)
RESOLUTION	1920 x 540 pixels
VIEW ANGLE	H: -89°/+89°, V: -89°/+89°
CONTRAST	4000:1
BRIGHTNESS	465 nits
ASPECT RATIO	32:9
LENS	Protective Polycarbonate Lens (Non-Touch)
LCD LIFE	50,000 Hour Backlight Half-Life
ENCLOSURE	Steel Enclosure with Powder Coat Finish

PC SPECIFICATIONS

COMPUTER I/O	2x 1Gb Ethernet Ports (RJ45) 2x USB 3.0 Ports 1x Audio Jack (Line-Out for DYNICS Optional Soundbar)
CPU	CPU Braswell N3160
CPU SPEED	1.6GHz Base, 2.24GHz Turbo (4 Cores, 4 Threads)
MEMORY	Up to 8GB DDR3
STORAGE	240GB – 2TB SATA SSD / 1TB HDD
OPERATING SYSTEM	-Windows® 7 Professional (64-bit) - Windows® Embedded Standard 7 (64-bit) -Windows® 10 Enterprise IoT LTSC 2016 (64-bit) -Windows® 10 Enterprise IoT LTSC 2019 (64-bit) -Windows® 10 Enterprise Pro (64-bit)
POWER SUPPLY	100~240VAC (3-Pin)
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	1x 6 ft. Power Cable
COMPLIANCE	European Union Directive 2011/65/EU (RoHS)
WARRANTY	24-Month limited warranty. Extended warranty available, contact DYNICS for more details.



UW37



DIMENSIONS, WEIGHT AND POWER CONSUMPTION

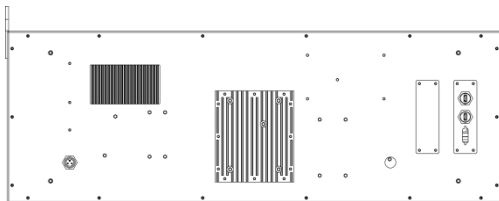
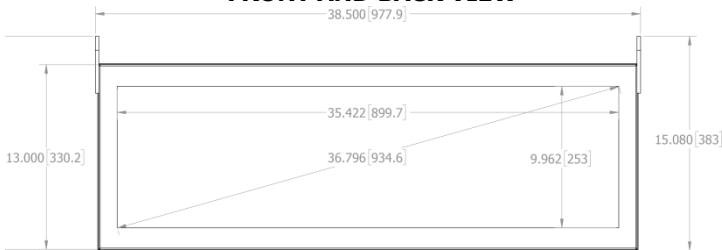
SIZE	37"
HEIGHT	15.0" (381.0mm)
WIDTH	38.5" (977.9mm)
DEPTH	4.4" (112.6mm)
WEIGHT	46 lbs.*
POWER CONSUMPTION	58 Watts**

OPTIONAL SOUNDBAR

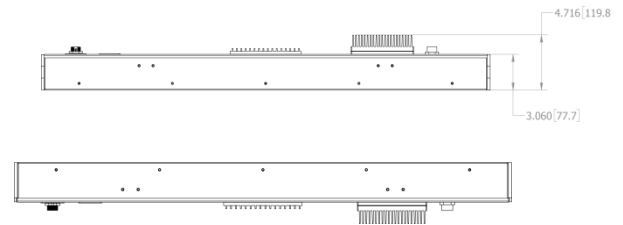


MECHANICAL DRAWINGS

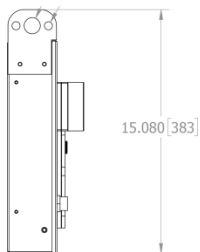
FRONT AND BACK VIEW



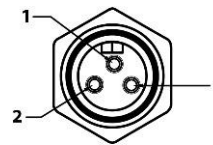
TOP AND BOTTOM VIEW



SIDE VIEW



POWER ENTRY (3-Pin) 100~240VAC



- 1 GROUND
- 2 LINE
- 3 NEUTRAL

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.

