



ViTAM-1XX Series

IP66/IP69K Waterproof

Stainless Steel Display

- True Flat Front Bezel Design
- Grade 304 Stainless Steel Enclosure
(Grade 316 for Option)
- IP66/IP69K Rated with M12 Connectors
- Wide Range 9~36V DC power input
- Rear side OSD



Support Resistive Touch, Projected Capacitive Touch, and Glass



Touch on/off Button on the Side Edge for Hygienic Cleaning



IP66/IP69K Rated with M12 Connectors



Support Ergonomic Versatile Mounting Space-saving VESA Mounting



Support Wide-Range Temperature -20°~60°C



ViTAM-1XX Series

IP66/IP69K Stainless Steel Display



Model Name	ViTAM-110P(H) ViTAM-110R(H) ViTAM-110G(H)	ViTAM-112P(H) ViTAM-112R(H) ViTAM-112G(H)	ViTAM-115P(H) ViTAM-115R(H) ViTAM-115G(H)
------------	---	---	---

I/O Port

VGA	1 x M12 VGA by 12-pin cable with waterproof cover and chain		
DVI	None		
HDMI	1 x M12 HDMI with waterproof cover and chain		
Speaker	1 x 2W IP65 speaker (optional)		
OSD Control Membrane	OSD on the rear side		
Touch	1 x M12 for USB touch with waterproof cover and chain(optional)		
Power connector	1 x M12 3-Pin Terminal Block Connector		

Display	ViTAM-110P ViTAM-110R ViTAM-110G	ViTAM-110PH ViTAM-110RH ViTAM-110GH	ViTAM-112P ViTAM-112R ViTAM-112G	ViTAM-112PH ViTAM-112RH ViTAM-112GH	ViTAM-115P ViTAM-115R ViTAM-115G	ViTAM-115PH ViTAM-115RH ViTAM-115GH
Display type	10.1" TFT-LCD	10.1" TFT-LCD	12.1" TFT-LCD	12.1" TFT-LCD	15" TFT-LCD	15" TFT-LCD
Max. resolution	1280 x 800	1280 x 800	800 x 600	1024x768	800 x 600	1024x768
Max. color	16.7M	16.7M	262K	16.2M	262K	16.2M
Luminance(cd/m²)	350	1000	450	500	1000	1000
View angle(H°/V°)	170/170	170/170	160/150	160/140	178/178	160/140
Contrast	800:1	800:1	800:1	700:1	700:1	700:1
Backlight lifetime(hrs)	25000	40000	50000	30000	50000	50000
Option	Optical bonding		Optical bonding		Optical bonding	

Touch Screen

Type	Resistive Touch Window (for R model) Projected Capacitive Touch (for P model) AR Glass without Touch Screen(optional for G model)					
Interface	USB					
Light transmission(%)	Resistive touch window : 80% Projected Capacitive Touch : 90%					

Power

Power input	9~36V DC					
Power Consumption	Max:6W	Max:11W	Max:8W	Max:12W	Max:9.23W	Max:16.7W

Mechanical

Construction	SUS 304 Stainless steel enclosure (default) SUS 316 Stainless steel enclosure (optional)					
IP rating	Total IP66/IP69K					
Mounting	Panel mount, VEST mount 75 x75, Yoke mount for optional					
Dimension(mm)	330 x 220 x 53		335 x 265 x 53		399 x 324 x 53	
Net weight(Kg)	3.6		4.65		6.5	

Environment

Operating temperature(°C)	-20~60					
Storage temperature(°C)	-30~70					
Storage humidity	10 to 90% @ 40°C, non- condensing					
Certification	CE/FCC Class A					

ViTAM-1XX Series

IP66/IP69K Stainless Steel Display



Model Name	ViTAM-116P(H) ViTAM-116R(H) ViTAM-116G(H)		ViTAM-117P(H) ViTAM-117R(H) ViTAM-117G(H)		ViTAM-119P(H) ViTAM-119R(H) ViTAM-119G(H)	
I/O Port						
VGA	1 x M12 VGA by 12-pin cable with waterproof cover and chain					
DVI	None					
HDMI	1 x M12 HDMI with waterproof cover and chain					
Speaker	1 x 2W IP65 speaker (optional)					
OSD Control Membrane			OSD on the rear side			
Touch	1 x M12 for USB touch with waterproof cover and chain(optional)					
Power connector			1 x M12 3-Pin Terminal Block Connector			
Display	ViTAM-116P ViTAM-116R ViTAM-116G	ViTAM-116PH ViTAM-116RH ViTAM-116GH	ViTAM-117P ViTAM-117R ViTAM-117G	ViTAM-117PH ViTAM-117RH ViTAM-117GH	ViTAM-119P ViTAM-119R ViTAM-119G	ViTAM-119PH ViTAM-119RH ViTAM-119GH
Display type	15.6" TFT-LCD	15.6" TFT-LCD	17" TFT-LCD	17" TFT-LCD	19" TFT-LCD	19" TFT-LCD
Max. resolution	1366 x 768	1366 x 768	1280 x 1024	1280 x 1024	1280 x 1024	1280 x 1024
Max. color	16.7M	16.7M	16.7M	16.7M	16.7M	16.7M
Luminance(cd/m²)	300	1000	350	1000	350	1000
View angle(H°/V°)	160/160	160/160	170/170	170/160	170/165	170/160
Contrast	500:1	500:1	1000:1	1000:1	1000:1	1000:1
Backlight lifetime(hrs)	50000	50000	50000	50000	50000	50000
Option	Optical bonding		Optical bonding		Optical bonding	
Touch Screen						
Type	Resistive Touch Window (for R model) Projected Capacitive Touch (for P model) AR Glass without Touch Screen(optional for G model)					
Interface			USB			
Light transmission(%)	Resistive touch window : 80% Projected Capacitive Touch : 90%					
Power						
Power input			9~36V DC			
Power Consumption	Max:12.3W	TBD	Max:19W	TBD	Max:16.3W	Max:29.5W
Mechanical						
Construction			SUS 304 Stainless steel enclosure (default) SUS 316 Stainless steel enclosure (optional)			
IP rating	Total IP66/IP69K					
Mounting	Panel mount, VEST mount 75 x75, Yoke mount for optional				Panel mount, VEST mount 100 x 100, Yoke mount for optional	
Dimension(mm)	440 x 290 x 55		432 x 358 x 55		470 x 388 x 55	
Net weight(Kg)	6.4		7.5		8.8	
Environment						
Operating temperature(°C)	-20~60				0~50	
Storage temperature(°C)			-30~70			
Storage humidity	10 to 90% @ 40°C, non- condensing					
Certification			CE/FCC Class A			

Stainless Steel Panel PC

Industrial Panel PC

HMI

Embedded Box PC

Display

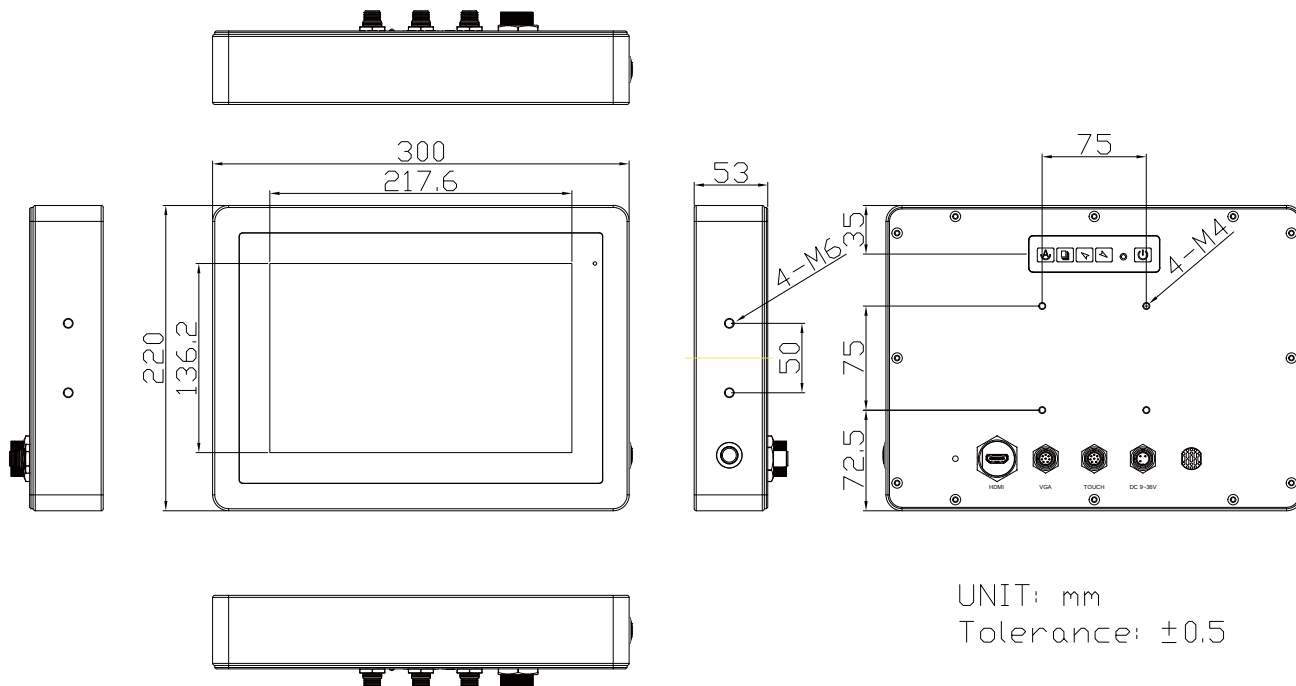
ViTAM-1XX Series

IP66/IP69K Stainless Steel Display



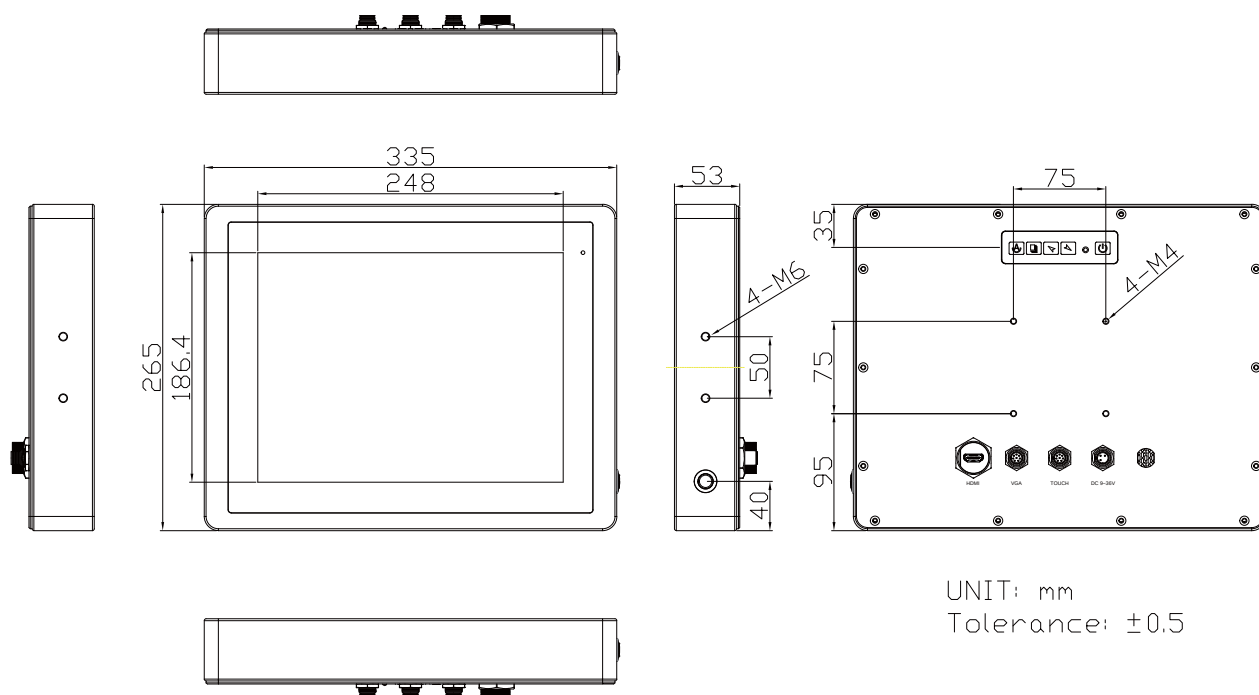
Model Name	ViTAM-121P(H) ViTAM-121R(H) ViTAM-121G(H)		ViTAM-124P(H) ViTAM-124R(H) ViTAM-124G(H)	
I/O Port				
VGA	1 x M12 VGA by 12-pin cable with waterproof cover and chain			
DVI	None			
HDMI	1 x M12 HDMI with waterproof cover and chain			
Speaker	1 x 2W IP65 speaker (optional)			
OSD Control Membrane	OSD on the rear side			
Touch	1 x M12 for USB touch with waterproof cover and chain(optional)			
Power connector	1 x M12 3-Pin Terminal Block Connector			
Display	ViTAM-121P ViTAM-121R ViTAM-121G	ViTAM-121PH ViTAM-121RH ViTAM-121GH	ViTAM-124P ViTAM-124G	ViTAM-124PH ViTAM-124GH
Display type	21.5" TFT-LCD	21.5" TFT-LCD	24" TFT-LCD	24" TFT-LCD
Max. resolution	1920 x 1080	1920 x 1080	1920 x 1080	1920 x 1080
Max. color	16.7M	16.7M	16.7M	262K
Luminance(cd/m²)	300	1000	300	1000
View angle(H°/V°)	170/170	170/170	160/160	160/150
Contrast	800:1	800:1	800:1	800:1
Backlight lifetime(hrs)	25000	40000	50000	30000
Option	Optical bonding		Optical bonding	
Touch Screen				
Type	Resistive Touch Window (for R model) Projected Capacitive Touch (for P model) AR Glass without Touch Screen(optional for G model)		Projected Capacitive Touch (for P model) AR Glass without Touch Screen(optional for G model)	
Interface	USB			
Light transmission(%)	Resistive touch window : 80% Projected Capacitive Touch : 90%			
Power				
Power input	9~36V DC			
Power Consumption	Max:18.9W	TBD	TBD	Max:45.1W
Mechanical				
Construction	SUS 304 Stainless steel enclosure (default) SUS 316 Stainless steel enclosure (optional)			
IP rating	Total IP66/IP69K			
Mounting	Panel mount, VEST mount 75 x75, Yoke mount for optional		Panel mount, VEST mount 200 x 100, Yoke mount for optional	
Dimension(mm)	571 x 362 x 53		656 x 423 x 53	
Net weight(Kg)	9		12.6	
Environment				
Operating temperature(°C)	0~50			
Storage temperature(°C)	-30~70			
Storage humidity	10 to 90% @ 40°C, non- condensing			
Certification	CE/FCC Class A			

ViTAM-110 P/R/G(H)



unit:mm

ViTAM-112 P/R/G(H)

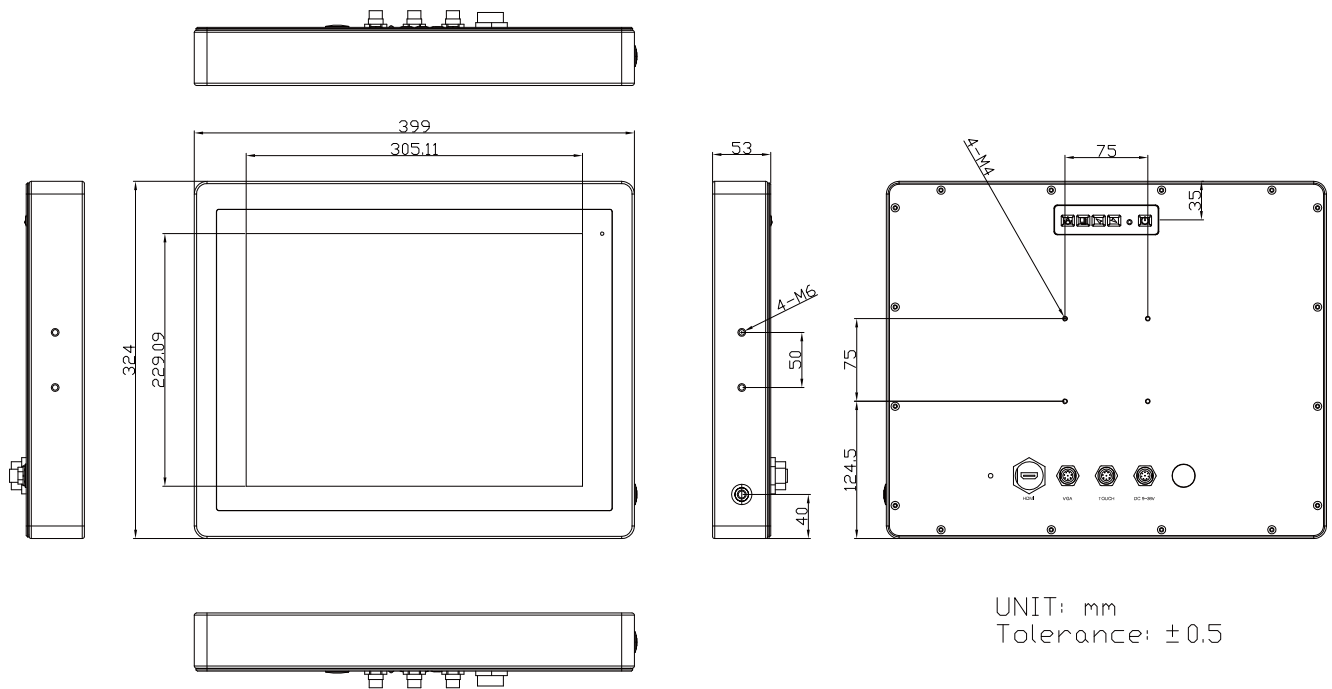


unit:mm

ViTAM-1XX Series

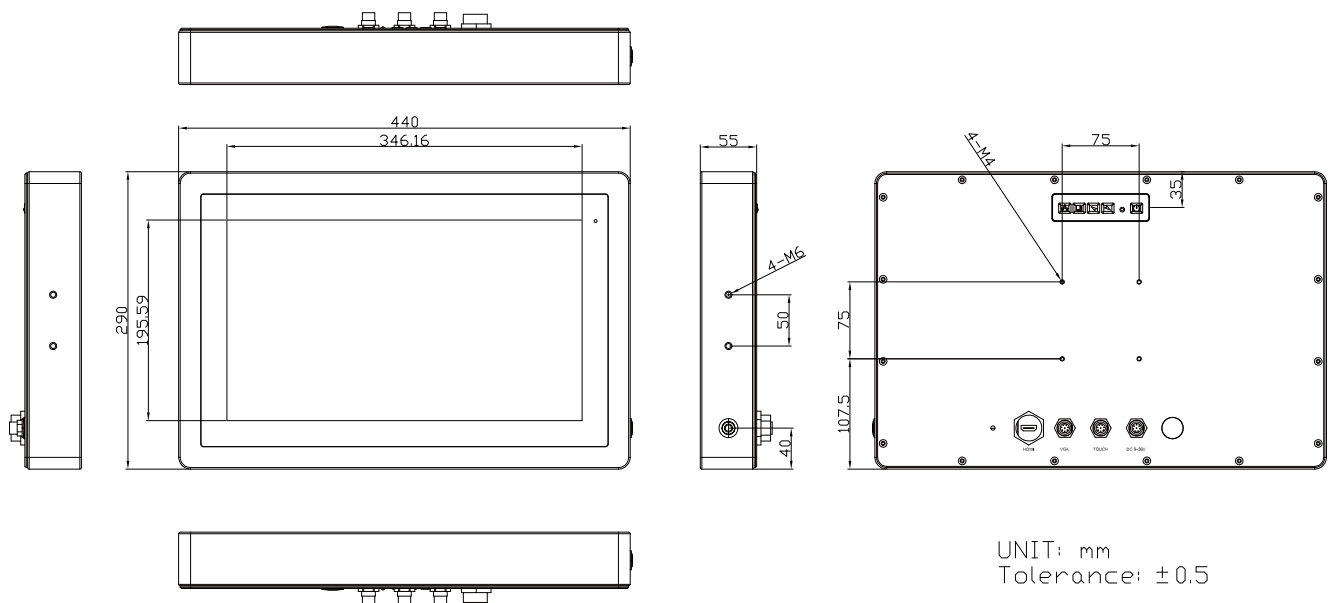
IP66/IP69K Stainless Steel Display

ViTAM-115 P/R/G(H)



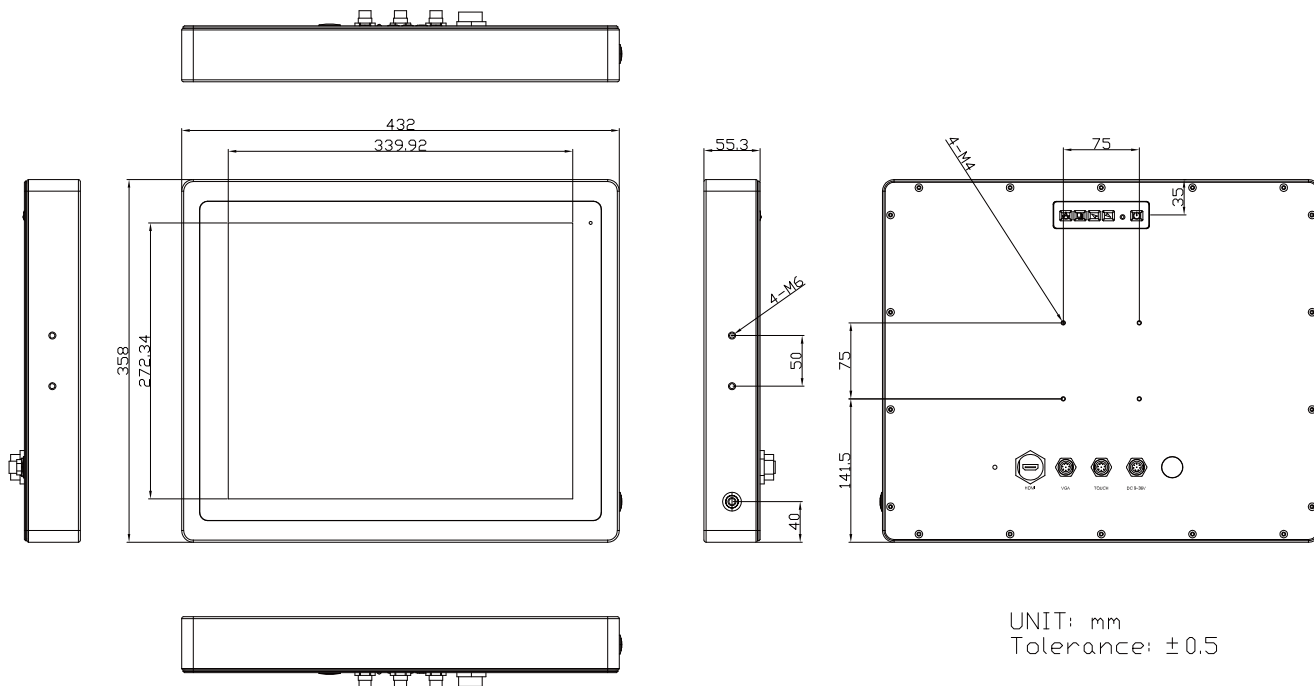
unit:mm

ViTAM-116 P/R/G(H)



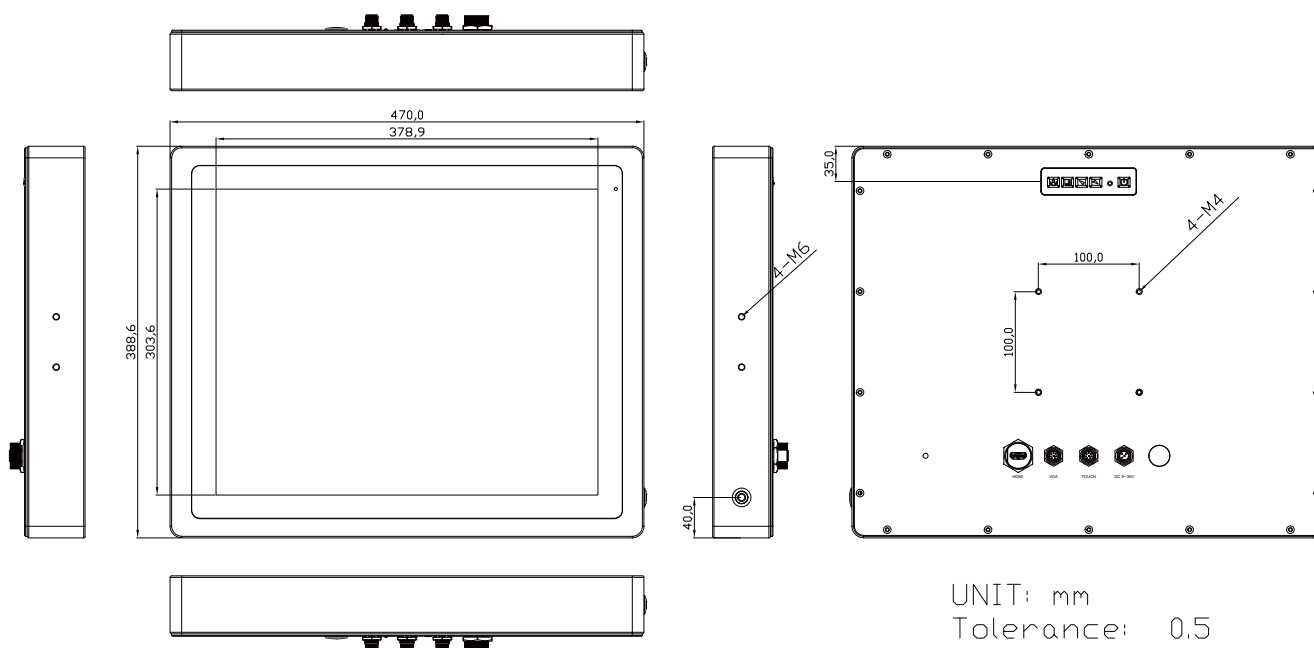
unit:mm

ViTAM-117 P/R/G(H)



unit:mm

ViTAM-119 P/R/G(H)

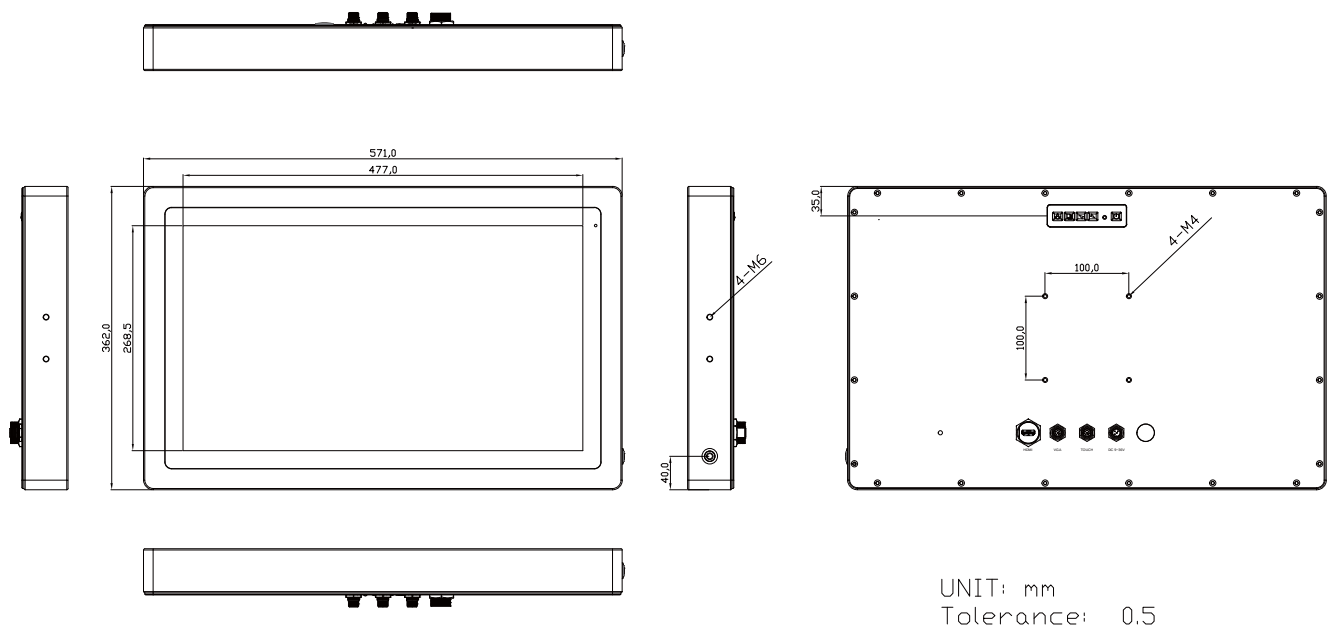


unit:mm

ViTAM-1XX Series

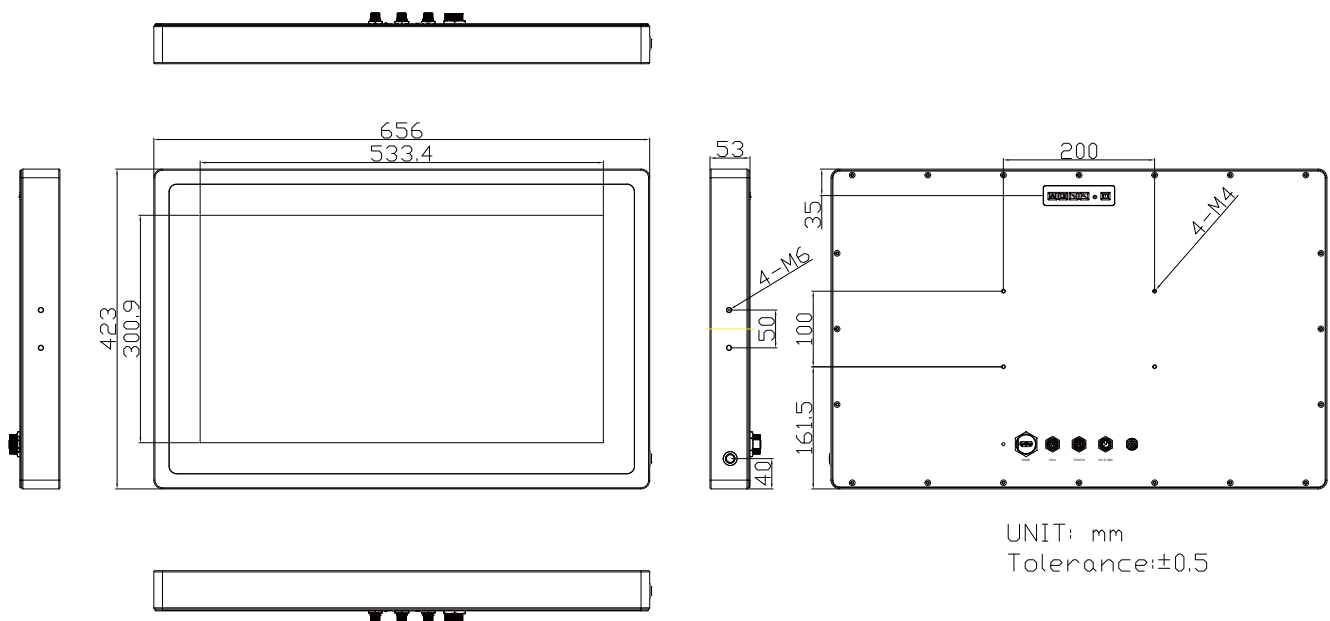
IP66/IP69K Stainless Steel Display

ViTAM-121 P/R/G(H)



unit:mm

ViTAM-124 P/R/G(H)



unit:mm

Ordering information

Model NO.	Description
ViTAM-110P-01	10.1"/1280x800/S.S./V/PCT(USB)/9~36V/w ADP
ViTAM-110R-01	10.1"/1280x800/S.S./V/RT(USB)/9~36V/w ADP
ViTAM-110G-01	10.1"/1280x800/S.S./V/GLASS/9~36V/w ADP
ViTAM-110PH-01	10.1"/1280x800/1000NITS/S.S./V/PCT(USB)/9~36V/w ADP
ViTAM-110RH-01	10.1"/1280x800/1000NITS/S.S./V/RT(USB)/9~36V/w ADP
ViTAM-110GH-01	10.1"/1280x800/1000NITS/S.S./V/GLASS/9~36V/w ADP
ViTAM-112P-01	12.1"/800x600/S.S./V/PCT(USB)/9~36V/w ADP
ViTAM-112R-01	12.1"/800x600/S.S./V/RT(USB)/9~36V/w ADP
ViTAM-112G-01	12.1"/800x600/S.S./V/GLASS/9~36V/w ADP
ViTAM-112PH-01	12.1"/800x600/1000NITS/S.S./V/PCT(USB)/9~36V/w ADP
ViTAM-112RH-01	12.1"/800x600/1000NITS/S.S./V/RT(USB)/9~36V/w ADP
ViTAM-112GH-01	12.1"/800x600/1000NITS/S.S./V/GLASS/9~36V/w ADP
ViTAM-115P-01	15"/1024x768/S.S./V/PCT(USB)/9~36V/w ADP
ViTAM-115R-01	15"/1024x768/S.S./V/RT(USB)/9~36V/w ADP
ViTAM-115G-01	15"/1024x768/S.S./V/GLASS/9~36V/w ADP
ViTAM-115PH-01	15"/1024x768/1000NITS/S.S./V/PCT(USB)/9~36V/w ADP
ViTAM-115RH-01	15"/1024x768/1000NITS/S.S./V/RT(USB)/9~36V/w ADP
ViTAM-115GH-01	15"/1024x768/1000NITS/S.S./V/GLASS/9~36V/w ADP
ViTAM-116P-01	15.6"/1366x768/S.S./V/PCT(USB)/9~36V/w ADP
ViTAM-116R-01	15.6"/1366x768/S.S./V/RT(USB)/9~36V/w ADP
ViTAM-116G-01	15.6"/1366x768/S.S./V/GLASS/9~36V/w ADP
ViTAM-116PH-01	15.6"/1366x768/1000NITS/S.S./V/PCT(USB)/9~36V/w ADP
ViTAM-116RH-01	15.6"/1366x768/1000NITS/S.S./V/RT(USB)/9~36V/w ADP
ViTAM-116GH-01	15.6"/1366x768/1000NITS/S.S./V/GLASS/9~36V/w ADP
ViTAM-117P-01	17"/1280x1024/S.S./V/PCT(USB)/9~36V/w ADP
ViTAM-117R-01	17"/1280x1024/S.S./V/RT(USB)/9~36V/w ADP
ViTAM-117G-01	17"/1280x1024/S.S./V/GLASS/9~36V/w ADP
ViTAM-117PH-01	17"/1280x1024/1000NITS/S.S./V/PCT(USB)/9~36V/w ADP
ViTAM-117RH-01	17"/1280x1024/1000NITS/S.S./V/RT(USB)/9~36V/w ADP
ViTAM-117GH-01	17"/1280x1024/1000NITS/S.S./V/GLASS/9~36V/w ADP
ViTAM-119P-01	19"/1280x1024/S.S./V/PCT(USB)/9~36V/w ADP
ViTAM-119R-01	19"/1280x1024/S.S./V/RT(USB)/9~36V/w ADP
ViTAM-119G-01	19"/1280x1024/S.S./V/GLASS/9~36V/w ADP
ViTAM-119PH-01	19"/1280x1024/1000NITS/S.S./V/PCT(USB)/9~36V/w ADP
ViTAM-119RH-01	19"/1280x1024/1000NITS/S.S./V/RT(USB)/9~36V/w ADP
ViTAM-119GH-01	19"/1280x1024/1000NITS/S.S./V/GLASS/9~36V/w ADP
ViTAM-121P-01	21.5"/1920x1080/S.S./V/PCT(USB)/9~36V/w ADP
ViTAM-121R-01	21.5"/1920x1080/S.S./V/RT(USB)/9~36V/w ADP
ViTAM-121G-01	21.5"/1920x1080/S.S./V/GLASS/9~36V/w ADP
ViTAM-121PH-01	21.5"/1920x1080/1000NITS/S.S./V/PCT(USB)/9~36V/w ADP
ViTAM-121RH-01	21.5"/1920x1080/1000NITS/S.S./V/RT(USB)/9~36V/w ADP
ViTAM-121GH-01	21.5"/1920x1080/1000NITS/S.S./V/GLASS/9~36V/w ADP
ViTAM-124P-01	ViTAM-124P-01 24"/1920x1080/S.S./V/PCT(USB)/9~36V/w ADP
ViTAM-124G-01	ViTAM-124G-01 24"/1920x1080/S.S./V/GLASS/9~36V/w ADP
ViTAM-124PH-01	ViTAM-124PH-01 24"/1920x1080/1000NITS/S.S./V/PCT(USB)/9~36V/w ADP
ViTAM-124GH-01	24"/1920x1080/1000NITS/S.S./V/GLASS/9~36V/w ADP