OPS-8195A

Quick install guide

Model No.
OPS-8195A-4R64S
OPS-8195A-8R128S
OPS-8195A-16R256S

Product Overview

- The OPS-8195A is the ideal integrated solution to deliver smart whiteboard and meeting room functionality on IFPD
- Supports high definition display up to 4K60 x 2
- Powerful platform of exceptional performance allows smooth experience of the latest system and mainstream video conferencing services running

THANKS

5.15 to 5.25 GHz band, UNII devices will be restricted to indoor operations to reduce any potential for harmful interference to co-channel Mobile Satellite System (MSS) operations.

RESTRICTIONS DANS LA BANDE DE 5 GHZ

Dans la bande de 5,15 à 5,25 GHz, les appareils UNII seront restreints aux opérations intérieures pour réduire toute possibilité d'interférence pouvant nuire aux opérations du Système satellite mobile dans le même canal(MSS).

This radio transmitter [21669-0001] has been approved by Innovation, Science and Economic

Development Canada to operate with the antenna types listed below, with the maximum permissible

gain indicated. Antenna types not included in this list that have a gain greater than the maximum gain

indicated for any type listed are strictly prohibited for use with this device.

— Le présent émetteur radio [21669-0001] a été approuvé par Innovation, Sciences et Développement économique Canada pour fonctionner avec les types d'antenne énumérés cidessous et ayant un gain admissible maximal. Les types d'antenne non inclus dans cette liste, et dont le gain est supérieur au gain maximal indiqué pour tout type figurant sur la liste, sont trictement interdits pour l'exploitation de l'émetteur.

RF Hardware Version : 1.0.0
RF Software Version : 1.0.0

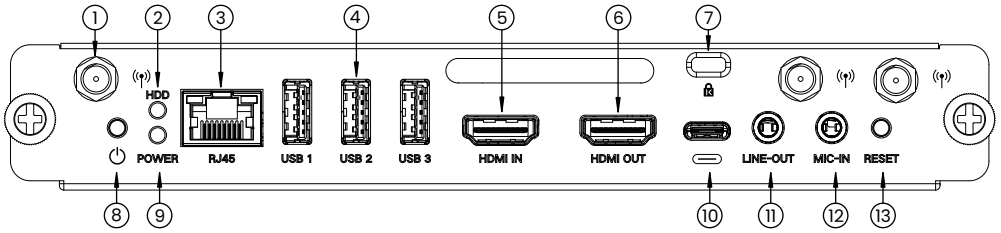
Antenna info
Antenna type : External antenna
Manufacturer : Shenzhen Huadechang Technology Co., Ltd
Model name : HDC-300
Antenna gain : 5dBi
Connector type : RP-SMA (SMA Straight Plug Reverse for RG-178)

These dvices comply with RF specifications when the device is used at 20 cm from your body.

This device is restricted to indoor use when operating in the 5150-5350MHz frequency range in all EU/EFTA member states and Turkey.

AT	BE	BG	CZ	DK	EE	FR	DE
IS	IE	IT	EL	ES	CY	LV	LI
LT	LU	HU	MT	NL	NO	PL	PT
RO	SI	SK	TR	FI	SE	CH	UK
IE	HR						

Product Specification

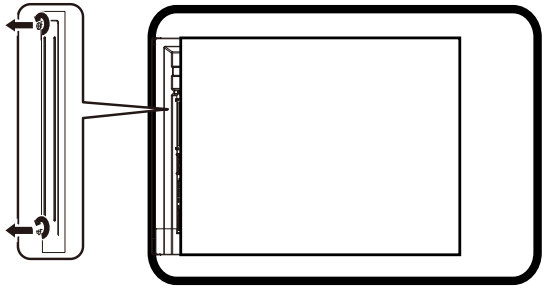


1	WIFI antenna interface	8	Power
2	Working indicator light	9	Power indicator light
3	Standard RJ45 (10M/100M/1G) Internet connection interface (This network port is only used for Android OS)	10	USB C interface
4	USB 3.0 interface	11	Connects the device to speakers
5	Connected to device with HDMI input function	12	Connects to a microphone
6	Connected to display panel with HDMI output function	13	Reset
7	Anti-theft lock		

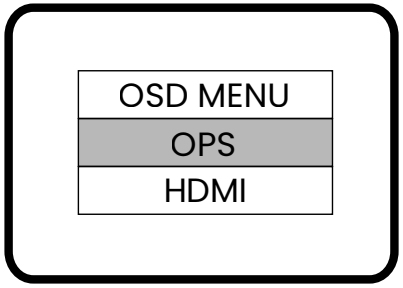
Power	12-19V ⎓ 36W
Temperature Humidity Altitude	32°F to 104°F (0°C to 40°C) 10% ~ 90% non-condensing 0 meter to +5000 meters above sea level
Temperature Humidity Altitude	-4°F to 140°F (-20°C to 60°C) 10% ~ 90% non-condensing 0 meter to +5000 meters above sea level
Physical(mm)	200*118*30

Installation

1- In case of confirming monitor/IFPD device power off Plug the OPS device in



2- After inserting the OPS, please rotate the screw to fix it



3- After confirming that the monitor/IFPD device is turned on, select OPS source to enter the operating system

•Consult the dealer or an experienced radio/TV technician for help.
•Any changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

This device complies with part 15 of the FCC rules. Operation is subject to the following two conditions :
1.This device may not cause harmful interference
2.This device must accept any interference received, including interference that may cause undesired operation.

FCC ID	2BA840001
Model No.	OPS-8195A-4R64S\OPS-8195A-8R128S\OPS-8195A-16R256S

Canada

Canada – Industry Canada (IC)

Model No: OPS-8195A-4R64S\OPS-8195A-8R128S\OPS-8195A-16R256S are open cell personal computers to be used with CUL listed panels that have installations detailing user installation and card cage accessories.

This device complies with Industry Canada licence-exempt RSS standard(s) :
Operation is subject to the following two conditions:
1.this device may not cause interference
2.this device must accept any interference, including interference that may cause undesired operation of this device.

Modèle no OPS-8195A-4R64S\OPS-8195A-8R128S\OPS-8195A-16R256S est un ordinateur personnel portable ouvert pour être utilisé avec UL panneaux qui ont des instructions d'installation détaillant l'installation de l'utilisateur d'accessoires carte de cage.
Cet appareil est conforme aux normes RSS exemptes de licence d'IndustrieCanada :Son fonctionnement est soumis aux deux conditions suivantes :
1.Ce dispositif ne peut causer d'interférences
2.Ce dispositif doit accepter toute interférence , y compris les interférences qui peuvent causer un mauvais fonctionnement de l'appareil.

IC	21669-0001
Model No.	OPS-8195A-4R64S\OPS-8195A-8R128S\OPS-8195A-16R256S

RF Radiation Exposure Statement Caution : This Transmitter must be installed to provide a separation distance of at least 20 cm from all persons.
Radiation Déclaration d'exposition Attention : Cet émetteur doit être installé pour fournir une distance de séparation d'au moins 20 cm de toute personne.

WARNING

OPS-8195A-4R64S\OPS-8195A-8R128S\OPS-8195A-16R256S are Class B Products. In a domestic environment, they may cause radio interference in which case the user may be required to take adequate measures.

United Kingdom
We declare under our sole responsibility that the OPS-8195A-4R64S\OPS-8195A-8R128S\OPS-8195A-16R256S conforms to the essential UKCA requirements 2016 No : 1091

Electromagnetic Compatibility regulations 2016, 2016 No : 1101 Electrical Equipment Safety Regulation 2016, 2017 No : 1206 The Radio Equipment Regulation 2017, and UK SI 2016 No : 1091, RoHS Restriction of the use of certain Hazardous Substances in Electrical and Electronic Regulations 2012 – UK SI 2012 No : 3032.

Waste Electrical and Electronic Equipment (WEEE)

For more information concerning the correct disposal of these products, please contact your reseller.

United States of America

Model No: OPS-8195A-4R64S\OPS-8195A-8R128S\OPS-8195A-16R256S are open cell personal computers to be used with UL listed panels that have installations detailing user installation and card cage accessories.

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses, and can radiate radio frequency energy. If not installed and used in accordance with the instructions, it may cause harmful interference to radio communications.

However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try and correct the interference by one or more of the following measures :
•Reorient or relocate the receiving antenna.
•Increase the distance between the equipment and the receiver.
•Connect the equipment to outlet on a circuit different from that to which the receiver is connected.

RF Power and Frequency

Frequency Range and Output Power (Max.)	IEEE 802.11b Section	
	Operating Frequency	2400~2483.5MHz ISM band
	Output Power	Max 20dBm
	IEEE 802.11g Section	
	Operating Frequency	2400~2483.5MHz ISM band
	Output Power	Max 20dBm
	IEEE 802.11a Section	
	Operating Frequency	• 5.15~5.25GHz • 5.25~5.35GHz • 5.47~5.725GHz • 5.725~5.825GHz
	Output Power	Max 20dBm
	IEEE 802.11n Section	
	Operating Frequency	• 2.4GHz : 2400~2483.5MHz for ISM band 5GHz : 5.15~5.25GHz ; 5.25~5.35GHz ; • 5.47~5.725GHz ; 5.725~5.825GHz ;
	Output Power	Max 20dBm
	IEEE 802.11ac Section	
	Operating Frequency	5GHz : 5.15~5.25GHz ; 5.25~5.35GHz ; 5.47~5.725GHz ; 5.725~5.825GHz ;
	Output Power	Max 20dBm
	IEEE 802.11ax Section	
	Operating Frequency	• 2.4GHz : 2400~2483.5MHz for ISM band • 5GHz : 5.15~5.25GHz ; 5.25~5.35GHz ; 5.47~5.725GHz ; 5.725~5.825GHz ;
	Output Power	Max 20dBm
	Bluetooth Section	
	Frequency band	2402MHz-2480MHz
	RF specification	

Frequency Range and Output Power (Max.)		Max（dBm）
	BDR Output Power	10
	EDR Output Power	10
	BLE Output Power	10

Regulatory and Service Information

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All other trademarks remain the property of their respective owners.

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Compliance

United States of America
This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference when the equipment is operated in a commercial environment. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instruction manual, may cause harmful interference to radio communications.
Operation of this equipment in a residential area is likely to cause harmful interference in which case the user will be required to correct the interference at his own expense.
Do not make any changes or modifications to the equipment.

Canada
This Class B digital apparatus complies with Canadian ICES-003.
Cet appareil numérique de la classe B est conforme à la norme NMB-003 du Canada.

Europe
We declare under our Sole responsibility that the OPS-8195A-4R64S\OPS-8195A-8R128S\OPS-8195A-16R256S conforms to the essential requirements of European Union Directives 2014/53/EU Radio Equipment Directive (RED), 2014/30/EU Electromagnetic Compatibility Directive, 2014/35/EU Low Voltage Directive and 2011/65/EU Restriction of Hazardous Substances in Electrical and Electronic Equipment.