दूरसंचार विभाग, भारत सरकार
DEPARTMENT OF TELECOMMUNICATIONS, GOVERNMENT OF INDIA
दूरसंचार अभियांत्रिकी केंद्र
TELECOMMUNICATION ENGINEERING CENTRE

CERTIFICATE OF MANDATORY CONFORMANCE

This is to certify that the product described below conforms to the Essential Requirement issued by TEC under Mandatory Testing and Certification of Telecom Equipment as notified vide Indian Telegraph (Amendment) Rules, 2017.			
i.	***Certificate No.:** 379402351	ii.	**Dated:** 31-Dec-2024
iii.	**Certificate Category:** Regular	iv.	**Certificate Type:** MODIFIED
v.	**APPLICANT:** White Water Solutions India Private Limited, No.301, Versova Earth Apartment, Kaggadasapura Main Road, CV Raman Nagar,Bangalore 560093 Karnataka	vi.	**ORIGINAL EQUIPMENT MANUFACTURER:** Radware Ltd., 22 Raoul Wallenberg ST, Tel Aviv 6971917, Israel
vii.	**PRODUCT NAME:** LAN Switch	viii.	**PRODUCT VARIANT:** L3 LAN Switch
ix.	**PREVIOUS CERTIFICATE NO.:** 379402351	x.	**PREVIOUS CERTIFICATE ISSUED DATE:** 2024-07-29
xi.	**MODEL NO.:** ODS-MRQ	xii.	**FAMILY NAME:** NA
xiii.	**ASSOCIATED MODEL NO.:** As given at Table-1 overleaf	xiv.	**INTERFACES TESTED:** As given at Table-2 overleaf
xv.	**SOFTWARE VERSION:** DP-v8-26-3-0-b69	xvi.	**HARDWARE VERSION:** C.A06
xvii.	**VALID FROM:** 31-Dec-2024	xviii.	**VALID UPTO:** 15-Mar-2034
xix.	**ER NO.:** TEC37942407		
xx.	**EMI / EMC CLASS:** A		
xxi.	**QR CODE:** 		**DIRECTOR (TC-1)** **K L Bhawan,** **Janpath, New Delhi - 110001**

Note*:*

*1. This certificate is valid for product(s) manufactured in Taiwan only, as per the details at Table-3.
2. This certificate is issued for model/family name indicated at (xi) above and applicable for associated/ family model(s) mentioned at Table-1, overleaf only.
3. Bill of Material covered under this certificate is given at Table-4.
4. Terms & Conditions mentioned at MTCTE portal (https://www.mtcte.tec.gov.in/) shall be applicable.

Table-1

List of Associated/Family Models	
i.	Nil

Table-2

List of Interfaces Tested	
i.	100 G Optical Ethernet
ii.	10 G Optical Ethernet
iii.	1 G Optical Ethernet
iv.	25 G Optical Ethernet
v.	40 G Optical Ethernet

Table-3

S. No.	Product Model number	Contract Manufacturing	Manufacturing Location Address	Contact Person Name (Plant Incharge)	E-mail-ID	Contact number	*Country Of Origin	**Country of Manufacturing
			List of manufacturing locations (as declared by the applicant) for which this certificate (No. 379402351) is valid:					
1	ODS-MRQ	Yes	CASWELL INC 4F and 5F No 290 4F and 5F No 292 4F and 5F No 296 4F and 5F No 298 4F and 5F No 300 4F and 5F No 302 Jianguo 1st Rd Jian an Village Xinzhuang District New Taipei City 242047 Taiwan	Winson Tsai	Winson.Tsai@cas-well.com	886277275788	Israel	Taiwan

Note: *1. Country of Origin is as per the criteria defined under Custom Rules.

**2. Country of Manufacturing refers to the place where the Telecom product under certification against product model number given above is manufactured/assembled as complete unit only.

Table-4

Details of major modules / components (as declared by the applicant) of the model under certification (BILL OF MATERIAL)							
Module Name/Atrtibute Name	Module Code	Module Hardware Version	Module Software Version	Sub Unit Name	Sub Unit Model No.	Remarks	Module present in Main Model
Module No.							ODS-MRQ
Usage Scenario of Eqpt.		C.A06	DP-v8-26-3-0-b69			The product is a L3 LAN Switch	Y
EMC/EMI Class						Class A	Y
PCB	HL13-V0						Y
100G Optical Ethernet Interface (SR4, SR10, LR4, ER4)	Inbuilt					4 Port	Y
40G Optical Ethernet Interface (SR4, LR4, ER4)	Inbuilt					4Port	Y
25G Optical Ethernet Interface (SR,LR, ER)	Inbuilt					24 Ports (common ports for 25G, 10G and 1G)	Y
10G optical Ethernet	Inbuilt					24 Ports (common ports	Y

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Details of major modules / components (as declared by the applicant) of the model under certification (BILL OF MATERIAL)							
Module Name/Atrtibute Name	Module Code	Module Hardware Version	Module Software Version	Sub Unit Name	Sub Unit Model No.	Remarks	Module present in Main Model
Interface (SR, LR, ER)						for 25G, 10G and 1G	
1G optical Ethernet Interface (SR, LR)	Inbuilt					24 Ports (common ports for 25G, 10G and 1G)	Y
Power Supply Module (AC)	ZRP-2600K2					Input: 100-240VAC , 47-63Hz,10-5A Output: +12V/50A , +12Vsb/0-2A	Y
Power Supply Housing (AC)	ZRP2-5600K2V					Input: 100-240VAC , 47-63Hz,10-5A Output: +12V/50A , +5V/0-20A , +3.3V/0-20A , -12V/0-0.5A , +5Vsb/0-3.5A	Y

*** End of the certificate***