

Security Guidebook Function List (Scanner)

✓: Supported - : Not supported



Security Function	DS-790WN	DS-730N	ES-580W	DS-570WII DS-575WII ES-500WII	ES-C380W DS-C480W	ES-C320W	DS-80W	DS-1660W	DS-800WN	DS-900WN
Network Security										
TLS Communication	✓	✓	✓	✓	✓	✓	-	✓	✓	✓
TLS1.1	✓	✓	✓	✓	✓	✓	-	✓	✓	✓
TLS1.2	✓	✓	✓	✓	✓	✓	-	✓	✓	✓
TLS1.3	-	-	-	-	✓	✓	-	-	✓	✓
Controlling Protocol Permissions and exclusions	✓	✓	✓	✓	✓	✓	-	✓	✓	✓
IPsec/IP Filtering	✓	✓	✓	✓	✓	✓	-	-	✓	✓
IKEv1	✓	✓	✓	✓	✓	✓	-	-	✓	✓
IKEv2	✓	✓	✓	✓	✓	✓	-	-	✓	✓
ESP:AES-CBC-128/AES-CBC-192/AES-CBC-256/3DES	✓	✓	✓	✓	✓	✓	-	-	✓	✓
ESP:AES-GCM-128/AES-GCM-192/AES-GCM-256	✓	✓	✓	✓	✓	✓	-	-	✓	✓
ESP/AH:SHA-1/MD5	✓	✓	✓	✓	✓	✓	-	-	✓	✓
ESP/AH:SHA-256/SHA-384/SHA-512	✓	✓	✓	✓	✓	✓	-	-	✓	✓
IEEE802.1X Authentication	✓	✓	✓	✓	✓	✓	-	-	✓	✓
EAP-TLS	✓	✓	✓	✓	✓	✓	-	-	✓	✓
PEAP-TLS	✓	✓	✓	✓	✓	✓	-	-	✓	✓
PEAP/MSCHAPv2	✓	✓	✓	✓	✓	✓	-	-	✓	✓
EAP-TTLS	✓	✓	✓	✓	✓	✓	-	-	✓	✓
AES128/AES256/3DES/RC4	✓	✓	✓	✓	✓	✓	-	-	✓	✓
SNMP	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
SNMPv1	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
SNMPv2c	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
SNMPv3	✓	✓	✓	✓	✓	✓	-	✓	✓	✓
SMB	✓	✓	✓	-	✓	-	-	-	✓	✓
SMB1.0	✓	✓	✓	-	✓	-	-	-	✓	✓
SMB2.0	✓	✓	✓	-	✓	-	-	-	✓	✓
SMB3.0	✓	✓	✓	-	✓	-	-	-	✓	✓
WPA3	✓	-	✓	✓	✓	✓	-	-	✓	✓
Separation Between Interfaces	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Protecting Your Products										
Block USB Connection from Computer	✓	✓	✓	-	✓	-	-	-	✓	✓
Disabling the External Interface	✓	✓	✓	-	✓	-	-	-	✓	✓
Handling Viruses Introduced by USB Memory	✓	✓	✓	-	✓	-	-	-	✓	✓
Print / Scan Security										
Confidential Jobs	-	-	-	-	-	-	-	-	-	-
Anti-Copy Pattern	-	-	-	-	-	-	-	-	-	-
Watermark	-	-	-	-	-	-	-	-	-	-
PDF Encryption	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
S/MIME	-	-	-	-	-	-	-	-	-	-
AES-128/AES-192/AES-256/3DES	-	-	-	-	-	-	-	-	-	-
SHA-1/SHA-256/SHA-384/SHA-512/MD5	-	-	-	-	-	-	-	-	-	-
Domain Restrictions	-	-	-	-	-	-	-	-	-	-
Support for Long Authentication Passwords	-	-	-	-	✓	✓	-	-	✓	✓
Restrictions on File Access from PDL	-	-	-	-	-	-	-	-	-	-
Secure Printing	-	-	-	-	-	-	-	-	-	-
Fax Security										
Direct Dialing Restrictions	-	-	-	-	-	-	-	-	-	-
Confirmation of Address List	-	-	-	-	-	-	-	-	-	-
Dial Tone Detection	-	-	-	-	-	-	-	-	-	-
Measures Against Abandoned Faxes	-	-	-	-	-	-	-	-	-	-
Transmission Confirmation Report	-	-	-	-	-	-	-	-	-	-
Deleting the Backup Data for Received Faxes	-	-	-	-	-	-	-	-	-	-
Limit Sending to Multiple Recipients	-	-	-	-	-	-	-	-	-	-
User Data Protection										
Storage Security	-	-	-	-	-	-	-	-	-	-
Protecting Your Address Book	✓	✓	✓	-	✓	-	-	-	✓	✓
Data Handling Processed by Products	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Encryption of Saved Data in Hard Disk	-	-	-	-	-	-	-	-	-	-
Sequential Deletion of Job Data	-	-	-	-	-	-	-	-	-	-
Password Encryption	✓	✓	✓	✓	✓	✓	-	-	✓	✓
TPM	-	-	-	-	-	-	-	-	-	-
HDD Mirroring	-	-	-	-	-	-	-	-	-	-
Operational Limitation										
Panel Lock	✓	✓	✓	-	✓	-	-	-	✓	✓
Access Control	✓	-	-	-	-	-	-	-	✓	✓
Authenticated Printing / Scanning	✓*1	-	-	-	-	-	-	-	✓*1	✓*1
Password Policy	-	-	-	-	-	-	-	-	-	-
Audit Log	-	-	-	-	-	-	-	-	-	-
Product Security										
Automatic Firmware Updates	-	-	-	-	-	-	-	-	-	-
Protection against Illegal Firmware Updates	-	-	-	-	✓	✓	-	-	✓	✓
Secure Boot	-	-	-	-	-	-	-	-	-	-
Malware Infiltration Detection	-	-	-	-	✓	✓	-	-	✓	✓
Security Measures When You Dispose of Printer										
Restore Factory Default	✓	✓	✓	✓	✓	✓	-	✓	✓	✓
Security Certification and Standards										
ISO15408/IEE2600.2™	-	-	-	-	-	-	-	-	-	-

*1 Requires authentication devices such as IC card reader.