بسم الله الرحمن الرحيم

ރާއްޖެއިން ސާބިތުވާ ވެރިކަން ބެހެއްޓުން ބެލެހެއްޓުން

ހިންސާބުން ބެލުން ދިވެހިރާއްޖެ ސަރުކާރު ސަރވިސަން

ފާދޫ، ދިވެހިރާއްޖެ

ބަންދުކުރުން ކަންކަން

1. ބަންދުކުރުން

(IUL)199-GAS/199/2021/24	ދަރަނޭރުން ނަންބަރު
ހ ބެލެންސިންގ 1 ކޮޕީ ދެބަންދު، 1 A3 ކުރަ ވިދިގެން، 1 ބެސްކެޓް ؛ ؛ ؛

Document feeder paper capacity	75 sheets
Scanning Speed (A4) 300dpi	Simplex: 30 ipm Duplex:12 ipm
Scan resolution (optical)	600 x 600 dpi
Consumables + Routine maintenance	
Toner (Estimated Yield @ 6% Coverage)	20,000 impressions (A4) or more

1 Desktop LaserJet Printer	
Basic Specs	
Functions	Print, Copy, Scan, Fax
Printer Type	Laser Printer
Print	
Black Print Speed	approximate 40 pages/minute (A4 size)
Consumable Type	Toner Cartridge and Drum
CPU (Processor) Speed (MHz)	800
Duplex Printing Standard	Yes
First Page Out Time (max. sec.)	7.2
Print Resolution	1200 x 1200 dpi
Print Technology	B/W Laser
Copy	
Black Copy Speed	Approx. 42 ppm
Copy Capability	Black and White
Copy Resolution	1200 x 600 dpi
Design Style	Flatbed
Duplex Copying	Yes
ID Copy	Yes
N in 1 Functions	2in1 / 4in1
Reduction/Enlargement	25%-400%
Sorting Function	Yes
Stand-Alone Copying	Yes
Scan	
Scanning Capability	B/W and Color
Simplex Scan Speeds (black / color)	28ipm / 20ipm
Duplex Scan Speeds (black / color)	56ipm / 34ipm
"Scan To" Feature	Email, Easy Scan to Email, PC (File, Email, Image, OCR), FTP, USB Memory Stick, Network Folder (CIFS - Windows only), E-mail Server, SharePoint, SSH Server (SFTP), Cloud Services (Web Connect)
Advanced Scanning Features	Continuous Scan, Scan Profiles (up to 25), ADF Auto Deskew, Blank Page Skip, ID Scan
Optical Scan Resolution	1200 x 1200 dpi (flatbed), 600 x 600 dpi (ADF)
Duplex Scanning	Yes
Interpolated Scan Resolution	19200 x 19200 dpi
Paper Handling	
Standard Paper Input Capacity	Approx. 250 sheets of 80 g/m2 Plain Paper
Multi-purpose Tray Capacity	Approx. 50 sheets of 80 g/m2 Plain Paper

Output Paper Capacity (sheets)	Approximate 150 sheets
Automatic Document Feeder Capacity (approximate. pages)	70
Duplex Printing Capability	Yes
Paper Handling Size - Paper Tray	Letter, Legal, Executive, A4, A5, A6
Sheet Weight - Paper Tray (Min/Max)	16-32 lbs. (bond)
Paper Handling Size - Multi-Purpose Tray	Letter, Envelope, Custom Sizes (3.0-8.5" (w), 5.0-14" (l)), Legal, A4, A5, A6
Sorting Function	Yes
Connectivity & Compatibility	
Standard Interface(s)	Wireless 802.11 b/g/n, Gigabit Ethernet, Hi-Speed USB 2.0
Standard Network Features†	Printing, Scanning, PC Fax Send/Receive, I-Fax, Corporate Address Book
Supported Network Protocols (IPv4)	ARP, RARP, BOOTP, DHCP, APIPA (Auto IP), WINS/NetBIOS Name Resolution, DNS Resolver, mDNS, LLMNR Responder, LPR/LPD, Custom Raw Port/Port 9100, POP3, SMTP Client, IPP/IPPS, FTP Client and Server, CIFS Client, TELNET Server, SNMPv1/v2c/v3, HTTP/HTTPS Server, TFTP Client and Server, ICMP, Web Services (Print/Scan), SNTP Client, LDAP, IMAP4
General	
LCD Display	Color Touchscreen
Maximum Monthly Duty Cycle	Approximate 50,000 printed pages
Standard Memory (MB)	Minimum 512
Toner Save Mode	Yes

1 A3 color Printer	
Basic Specs	
Functions	Scan, Copy, Fax and Automatic 2-Sided Print With Wireless and Wired Connectivity
Printer Type	Ink Tank Printer
Print Functions	
Print Speed (Laser Comparable)	22 ipm (mono) and 20 ipm (colour)
Print Speed (Fast Mode)	35 ppm (mono) and 27 ppm (colour)
First Print Out Time	Upto 5.5 sec (mono) and 6 sec (colour)
Print Resolution	1,200 X 4,800 dpi
2-Sided Print	Auto (up to A3/LGR)
Borderless Printing	Yes
Colour Enhancement	Yes
Ink Save Mode	Yes
WebConnect	Yes
Wi-Fi Direct	Yes
Copy Functions	
Copy Speed	15 ipm (mono) and 11 ipm (colour)
Maximum Copy Size	Upto A3
2-Sided Copy	Yes (Manual)
Enlargement / Reduction Ratio	25% - 400% in 1% increments
Base Colour Removal	Yes
Scan Functions	
Scan Speed	A4 portrait: Upto 18 ipm (mono/colour) A4 landscape: upto 11 ipm (mono/colour) A3: upto 8 ipm (mono/colour)
Maximum Scan Size	upto A3

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Scan Resolution	Optical: upto 1,200 X 2,400 dpi Interpolated: upto 19,200 X 19,200 dpi
"Scan To" Features	Image, OCR, email, File, Media Card, Sharepoint, Network, FTP (over SSL), SFTP
Paper Handling	
Paper Input (Standard Tray)	approximate 250 sheets (80 g/m²)
Paper Input (Multi-Purpose Tray)	approximate 100 sheets (80 g/m²)
Paper Output	approximate 100 sheets (Upto A4 / Letter) || Upto 50 sheets (Over A4 / Letter)
Automatic Document Feeder	approximate 50 pages of 80 g/m² (Face up), Sort copy upto 30 pages
Paper Handling Sizes (Standard Tray)	Landscape: A4, LTR, EXE, B5(JIS) Portrait: A3, LGR, B4(JIS), LGL, Folio, A5, B6(JIS), A6, Foto (4" X 6"), Indexcard (5" X 8"), Photo-L (3.5" X 5"), Photo-2L (5" X 7"), C5, Com-10, DL Envelope, Monarch, Mexico Legal, India Legal
Paper Hndling Sizes (Multi-Purpose Tray)	Landscape: A4, LTR, EXE, B5(JIS) Portrait: A3, LGR, B4(JIS), LGL, Folio, A5, B6(JIS), A6, Foto (4" X 6"), Indexcard (5" X 8"), Photo-L (3.5" X 5"), Photo-2L (5" X 7"), C5, Com-10, DL Envelope, Monarch, Mexico Legal, India Legal
Media Types (Standard Tray)	Plain, Inkjet, Glossy (cast/resin), Recycled (64-220 g/m²)
Media Types (Multi-Purpose Tray)	Plain, Inkjet, Glossy (cast/resin), Recycled (64-220 g/m²)
Others	
Memory	128 MB
Display	colour LCD
Interface	Hi-Speed USB 2.0
Wired / Wireless Network	Wired / Wireless LAN
USB Direct Print	Yes

2 CCTV Camera	
Product Type	Network Camera
Brand	Unifi
Model	UVC-G3-DOME
Form Factor	Dome
Mounting	Wall/Ceiling/Table
Power Method	802.3af PoE or 24V Passive PoE
Power Supply	802.3af PoE Switch or 24V, 0.5A PoE Adapter (Included with Single-Pack)
Video Resolution	1920 x 1080
Networking Interface	10/100 Ethernet Port
Remote Management	Yes
Sensor	1/3" 4-Megapixel HDR Sensor
Lens	2.8 mm focal, aperture: F2.0
Night Mode	IR LEDs with Mechanical IR Cut Filter
Night vision distance	82'
Video Compression	H.264
Resolution	1080p Full HD (1920x1080)
Frame rate	30 fps
Microphone	Yes
Supported UniFi Video Version	UniFi Video 3.2 (or Newer)

5 IP Phone

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Protocols/Standards	SIP RFC3261, TCP/IP/UDP, RTP/RTCP, HTTP/HTTPS, ARP/RARP, ICMP, DNS (A record,S- RV, NAPTR), DHCP, PPPoE, SSH, TFTP, NTP, STUN, SIMPLE, LLDP-MED, LDAP, TR-069, 802.1x, TLS, SRTP, CDP/SNMP/RTCP-XR
Network Interfaces	Dual switched auto-sensing 10/100/1000 Mbps Ethernet ports, integrated PoE
Graphic Display	backlit graphical LCD display
Feature Keys	2 line keys with dual-color LED and 2 SIP accounts, 3 XML programmable context sensitive soft keys, 5 (navigation, menu) keys, 8 BLF keys, 13 dedicated function keys for MUTE, HEADSET, TRANSFER, CONFERENCE, SEND and REDIAL, SPEAKERPHONE, VOLUME, PHONEBOOK, MESSAGE, HOLD, PAGE/INTERCOM, RECORD, HOME
Telephony Features	Hold, transfer, forward (unconditional/no-answer/busy), call park/pickup, 3-way conference, shared-call-appearance (SCA) / bridged-line-appearance (BLA), downloadable phone book (XML, LDAP, up to 1000 items), call waiting, call history (up to 200 records), off-hook auto dial, auto answer, click-to-dial, flexible dial plan, hot desking, personalized music ringtones, server redundancy & fail-over
Headset Jack	RJ9 headset jack
HD Audio	Yes, HD Handset and speakerphone with support for wideband audio
Base Stand	Yes, 2 angled positions available, wall mountable
Wall Mountable	Yes
Security	User and administrator level access control, MD5 and MD5-sess based authentication, 256-bit AES encrypted configuration file, TLS, SRTP, HTTPS, 802.1x media access control
Upgrade/Provisioning	Firmware upgrade via TFTP / HTTP / HTTPS, mass provisioning using TR-069 or AES, FTP/FTPS
Power & Green Energy Efficiency	Universal Power Supply Input 100-240VAC 50-60Hz; Output +5VDC, 600mA; PoE: IEEE802.3af Class 2, 3.84W-6.49W; IEEE802.3az (EEE)

2 Scanner	
General Specs	
Type	Desktop Type Sheet Fed Scanner
Document Feeding	U-Turn path
Feeder Capacity	Minimum 40 sheets
Optical resolution	600dpi
Light source	RGB LED
Scanning side	Simplex / Duplex / Folio / Skip Blank Page
Interface	High speed USB 2.0 (USB 3.0 compatible)
Weight	Approx. 2.8kg
Scanning specifications	
Black and White	25ppm/50ipm
Colour	25ppm/50ipm
Output resolution	150dpi, 200dpi, 300dpi, 400dpi, 600dpi
	Auto Resolution Setting
Colour Mode	Detect Automatically
	Black and White
	Error Diffusion
	256-Level Grayscale
	24-bit Colour
Daily duty cycle	Approx 1,500 scans/day
Document specifications	
Long document mode	Straight Through : Up to 3000mm
Paper separation	Yes
Feeder capacity	40-sheets (A4, 80g/m²)
Card scanning	Yes

Special Features	
Background Smoothing	Yes
Erase Shadow	Yes
Moire Reduction	Yes
Double Feed Detection	Yes
Automatic Page Size Detection	Yes
Text orientation recognition	Yes
Deskew	Yes
Image Rotation	Yes
Supported Operating Systems	Windows 7 (32bit/64bit), Windows 10 (32bit/64bit), Microsoft Windows Server 2012 R2, Microsoft Windows Server 2016, Microsoft Windows Server 2019

2. ބޭނުން ކުރާ ހިންދުންތައް

ބޭނުން ކުރާ ހިންދުންތައް	• ތަފުސީ ވަކިވެގެން ބަދަލުކުރެވިދާނެ ބައިތައް. • ކުރެހުންތަކުން ކުރެހުން. • ކުރެހުންތަކުން ކުރެހުން ކަނޑައެޅުން. • ފެންވަރު / ބެލެންސް ކަންބަދަލު ކުރުން. • ތަން ދ ،ؤ ،ؤ ،ؤ

ބެލުން	• ބެލުން ހިންދެވިދާ ވަގުތުން ބަދަލުކުރެވިދާ ބެލުން ދިން ބަދަލުކުރެވެން. • ބެލުން ދިން ބަދަލުތަކުން ކުރިއަށް ދާން ބޭނު�ކުރެވިދާ ؟ ؟ ؟

- ٤ ވަރުން: 15 ފާސްދެން

$$15 \times \frac{\text{ހުންނަންވާ ބާރު ދުއްވުން}}{\text{ހުންނަންވާ ދުއްވުން}}$$

- ބަންދުކުރުން: 10 ފާސްދެން

ބަންދުކުރުން ފާސްދެން ލިބެންވާ ގޮތް: ބަންދުކުރުން ބޭނުންކުރާ ބަދަލުގައި ހަމައެއް ބަދަލުގައި ބަންދުކުރުން ބަންދުކުރަން ބަންދުކުރާ ބަންދުތަކުން ފެންވަރުން ބަންދުކުރުން. އެކަން ކުރުން ބަދަލުގައި ބިން 2% އެވެ. އެކަން ހިންގުން ބިން 10% އެވެ.

ބިން ކުރުން ހަދާ ހުންނަންވާ ބާރު ދީން ބިން ބަދަލުކުރުން ބަދަލުކުރުން

- ބަދަން: 40 ފާސްދެން

ބަދަން ފާސްދެން ލިބެންވާ ގޮތް:

$$40 \times \frac{\text{ހުންނަންވާ ބާރު ކަން}}{\text{ހުންނަންވާ ބަދަ}}$$

- ބަދަން ބަދަން: 35 ފާސްދެން

ބަދަން ބަދަން ފާސްދެން ލިބެންވާ ގޮތް:

$$35 \times \frac{\text{ހުންނަންވާ ބާރु "ކުރުން ބަދ ބިން"}}{\text{ހުންނަންވާ "ކުރުން ބަދ ބިން"}}$$

"ކުރުން ބަދ ބިން" ހުންނަން ވާ ގޮތް:

$$\begin{pmatrix} \text{ބ ،ؤ ،ؤ ،ؤ} \\ \text{ؤ ،ؤ ،ؤ ،ؤ} \end{pmatrix} + \begin{pmatrix} \text{ؤ ،ؤ ،ؤ ،ؤ} \\ \text{ؤ ،ؤ ،ؤ ،ؤ} \end{pmatrix}$$

- ؤجروَير: 15 ژُمِرشْڤ

$$15 \times \frac{\text{رُسَرَرَئُ وَرِدُ هُشْدُ ئاسْ دُهْدَرَهْ}}{\text{رُسَرَرَئُ وَرِدُ دُهْدَرَهْ}}$$

- مَوْضُرِعُ: 10 ژُمِرشْڤ

مَوْضُرِعُهَسْ ژُمِرشْڤ ثَرُوَسْ ذُمْ: مَوْضُرِعُ هَوَّيِر دِرُّمَوَسْ مَوْنَامِ سَاْوَرِ سَاْرِمِرْدُذُ دَسَاْهَامْ سَاْرَوَرِدُّسَرَدَ دَسَاْهَامْ رَوَّوْنَامِ وَرَّمْمَوَنَاسْ مِرُوَرِدُّ مِرْدَرُوْ. هُذَمْسْ سَاْسْدُ مِرْدَرَاسْ مِوَّيِر 2% هُوْ. هُسْدُ ءِسَرَوْئُسْ مِوَّيِر 10% هُوْ.

ڤُدْرَ: 100 ژُمِرشْڤ

دَهْدَوْدَّمْ مِرِير : بُسَهِسْ هَسْوَبْ

دَوَّدْ: هُسِسْوَڤْسْڤْ بُرْبِهْدَسْڤْ هُرِسَبْ

سَهِ:

ڤَبِرُ: 12 هُدَسْوَڤْ 2021