

Ascotel IntelliGate

Features and applications of Ascotel IntelliGate (overview)

	A150	A300	2025	2045	2065
System features (alphabetically)					
2-company operation with the Office 45	●	●	●	●	●
Abbreviated dialling numbers including PISN subscribers	1500	1500	1500	1500	4000
Announcement prior to answering (Courtesy), announcement groups	1	1	1	1	2
AVS Voice Mail System with language menu and routing functions ¹⁾	–	–	●	●	●
Call charge recording per subscriber, per cost centre	●	●	●	●	●
Call logging, incoming/outgoing	●	●	●	●	●
Coded ringing on general bell	●	●	●	●	●
Data transmission on D channel (X.25)	●	●	●	●	●
Digit barring, internal/external	8/8	8/8	8/8	8/8	16/16
Direct dialling numbers (DDI)	500	500	500	500	4000
Direct dialling plans, various	10	10	10	10	10
Door functions (bell input, door intercom system, open door) ¹⁾	●	●	●	●	●
Integrated Standard Voice Mail System with Automated Attendant	●	●	●	●	●
Integration of external terminals (e. g. mobile phones) as internal subscribers	●	●	●	●	●
Integration of Voice over Wireless LAN components	●	●	●	●	●
Least Cost Routing (Number of Service Providers)	20	20	20	20	20
Remote operation of features from internal/from external	●	●	●	●	●
SIP-compatible for subscriber and network interfaces ²⁾	●	●	●	●	●
Switch groups each with 3 switch positions	20	20	20	20	20
User groups	21	21	21	21	99
Subscriber features (alphabetically)					
Appointment reminder call, discreet ringing, vibra call (Office DECT only)	●	●	●	●	●
Automatic callback if subscriber busy/available	●	●	●	●	●
Call acceptance (Fast Take)	●	●	●	●	●
Call charge display	●	●	●	●	●
Call Forwarding on No Reply (predetermined, freely selectable)	●	●	●	●	●
Call waiting / Intrusion / Announcement / Intercom	●	●	●	●	●
Central/private phone book	●	●	●	●	●
CFU/CFB (predetermined, freely selectable, Follow me)	●	●	●	●	●
Do not disturb	●	●	●	●	●
Enquiry call, brokering, explicit call transfer, conference, park	●	●	●	●	●
Exchange access selectable – business, private, cost centre	●	●	●	●	●
Hotline (automatic dialling)	●	●	●	●	●
Malicious call identification (MCID) (Network dependent features)	●	●	●	●	●
Number display, name display, dialling by name	●	●	●	●	●
Send text messages, leave messages	●	●	●	●	●
Team keys	●	●	●	●	●
Telephone lock/unlock fixed/per call	●	●	●	●	●
Terminal coupling (Twin Mode/Twin Comfort)	●	●	●	●	●
Unanswered and answered call lists	●	●	●	●	●
Use third-party telephone with own settings	●	●	●	●	●
Attendant consoles					
PC operator console Office 1560/1560IP with group functionality ²⁾	●	●	●	●	●
Office 45 attendant set with busy indicator	●	●	●	●	●
Networking					
Ascotel IntelliGate transparent feature networking over IP (AIN) ²⁾	●	●	●	●	●
– Direct Media Switching	●	●	●	●	●
– PSTN overflow routing in the event of interruptions or bottlenecks in the IP network	●	●	●	●	●
QSIG networking via dedicated leased lines or IP data network ²⁾	●	●	●	●	●
Virtual networking with virtual PBX (VPN) or via dial-up network (DSS1)	●	●	●	●	●
CTI Integration ²⁾ and applications					
Full CTI functionality	●	●	●	●	●
Dialling by name, CLIP display, Microsoft® Outlook® calendar notification on Office terminals	●	●	●	●	●
Office eDial, Toolbox, Call Center	●	●	●	●	●
Alarming & I/O Management	●	●	●	●	●
Integration of external systems					
Integration of external directories/contact databases (Microsoft® Exchange, phone book CD, etc.)	●	●	●	●	●
E-mail notification of voice messages received	●	●	●	●	●
Interfaces to third-party applications					
Computer Telephony Interface (CTI), first/third party via LAN ²⁾	●	●	●	●	●
Interfaces (TAPI, Corba) for flexible integration of third-party applications	●	●	●	●	●
Hotel interface	●	●	●	●	●
Messaging over LAN via SMPP-Protocol ²⁾	●	●	●	●	●
Interface to alarm server (ATPC1, ATAS ²⁾)	●	●	●	●	●
S bus interface for TeleCourier paging system	●	●	●	●	●
Management functions					
AIMS Information and Management System for complete system administration	●	●	●	●	●
Office 45 System Assistant for the most common configuration parameters	●	●	●	●	●
Remote maintenance (configuration, supervision, alarms, loading new system software)	●	●	●	●	●
Dynamic IP address allocation using DHCP/DNS	●	●	●	●	●
Project Manager	●	●	●	●	●

¹⁾ Expansion card required

²⁾ Subject to a licence

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Expansion levels and system limitations of Ascotel IntelliGate (overview)

	A150	A300	2025	2045	2065
Housing/Slots					
Number of housings	1	1	1	1	1
Expansion slots	2	4	5	5	14
Subscribers/Users					
Real subscribers with own number	10	50	30	60	400
Real, virtual and GSM subscribers with own number	20	100	30	60	400
First-Party CTI users via LAN ²⁾	10	32	30	32	32
Third-party CTI users (Basic, Standard) ²⁾	10	50	30	60	400
Third-party CTI users (Professional) ²⁾	10	30	10	30	150
Corded terminals (without IP)					
Office system sets including DECT radio units	10	40	24	60	400
Analogue telephones pulse/DTMF	10	18	12	23	56/168
ISDN terminals and terminal equipment (for 2 terminals per S bus)	10	24	14	22	128
Pocket Adapter AD2↔V.24	10	20	12	36	160
Simultaneous connections (without DECT)	10	30	30	60	120
Mobile telephony					
DECT handsets	10	50	30	60	400
DECT radio units SB-4 (4 channels)	10	20	4	32	128
DECT radio units SB-8 (8 channels)	5	10	4	18	128
Simultaneous DECT-non DECT connections	8	20	16	36	80
Simultaneous DECT-DECT connections	5	20	15	30	120
GSM terminals (integrated)	20	100	30	60	255
IP telephony (basic / full configuration ³⁾)					
Office IP terminals ²⁾	10	50	30	60	400
IP and SIP terminals ²⁾	10	50	30	60	400
Compressed voice channels (standard VoIP) ²⁾	- / 6	- / 12	- / 22	- / 38	- / 76
Standard IP gateways (networking/telephony) ²⁾	1 / 1	1 / 1	1 / 1	1 / 1	1 / 1
AIP IP gateways (networking/telephony) ¹⁾	- / -	- / -	- / 1	- / 2	- / 4
User-network interfaces (basic / full configuration ³⁾)					
Total No. of analogue/digital user-network interfaces	4 / 12	6 / 22	10 / 16	10 / 40	- / 320
Analogue a/b DTMF (pulse)	2 / 10	2 / 18	3 / 12	3 / 23	- / 168(56)
Digital AD2 2-wire, Twinport	2 / 10	4 / 20	4 / 12	4 / 36	- / 320
S bus (partially switchable to T)	- / 6	- / 12	3 / 7	3 / 11	- / 64
Network/Public exchange interfaces (basic / full configuration ³⁾)					
Analogue a/b DTMF (pulse)	- / 4	- / 8	- / 4	- / 8	- / 32(16)
T basic access (including S external)	- / 4	- / 8	3 / 7	3 / 11	- / 64
T2 primary rate access (including IP gateways AIP 6400)	- / -	- / -	- / 2	- / 4	- / 16
SIP Access Channels ²⁾	- / 8	- / 16	- / 30	- / 60	- / 120
Special interfaces (basic / full configuration ³⁾)					
Serial V.24 (printers, AIMS)	-	-	2	2	2
Audio input for music on hold	1	1	1	1	1
General call relay	-	-	1	1	1
Ethernet (AIMS, CTI)	2	2	1	1	1
Interface for door intercom ¹⁾	- / 1	- / 1	- / 6	- / 6	- / 24
a/b interfaces usable for door intercom	2 / 10	2 / 18	3 / 12	3 / 23	- / 168
Freely connectable relay ¹⁾	- / 2	- / 4	- / 9	- / 9	- / 36
Operating conditions					
Input voltage AC	95–253V 48–62Hz	95–253V 48–62Hz	195–253V 48–62Hz	195–253V 48–62Hz	195–253V 48–62Hz
Input voltage DC	-	-	10–15V	10–15V	10–15V
Power consumption min./max. [W]	15/30	15/45	10/50	10/70	10/135
Ambient temperature	5–35 °C	5–35 °C	5–35 °C	5–35 °C	5–35 °C
Relative humidity (non-condensing)	< 80%	< 80%	< 80%	< 80%	< 80%
Dimensions/Weight					
W x H x D [mm] Wall version	360×65×294	360×65×294	320×460×187	320×460×187	445×460×187
W x H x D [mm] Rack version	483×65×294	483×65×294	485×222×512	485×222×512	485×222×512
Weight [kg] Wall version without cable (basic / full configuration)			5.3 / 5.6	5.3 / 5.9	6.9 / 9.0
Weight [kg] Rack version (basic / full configuration)	2.4 / 2.7	2.5 / 2.8	15.8 / 16.8	15.8 / 16.8	17.4 / 20.2

¹⁾ Expansion card (s) required ²⁾ Subject to a licence ³⁾ Expansion cards and/or licences are always required for a full configuration

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