

Table Of Contents

Chapter 1	Configuring Main System	1
	System Configuration	3
	Configuring Global Recording Parameters	4
	Adjusting Individual Camera	10
	Setting Up Day-Night Recording Mode	14
	Geo Mpeg4 (ASP) Advanced Settings	15
	Configuring Hotline/Network Notification	16
	Selecting Screen Layout	18
	Launching GV-System from System Tray	19
	Camera / Audio Install	20
	Setting Up Auto Reboot	21
	Logging System Activities into System Log	22
	Popping Up a Camera Window on Motion Detection	23
	Configuring Object Counting	24
	Mapping PTZ Cameras	26
	Setting Up Password	26
	Sending Alerts thru E-mail Accounts	28
	Choosing Video Source	30
	Optimizing System Performance	30
	Adjusting Video Attributes	31
	Switching to Full-Screen View	33
	Listening to Live Audio	33
	Deactivating Video Lost Beep	33
	Start/Stop Monitoring	34
	Playing Back Video Files	34
	Instant Playback	35
	System Log	35
	Recording Schedule	39
	Video Schedule	40
	Special Days Schedule	41
	I/O Schedule	41
	Center V2 Schedule	41
	PTZ Control Panel	42
	Auto Switching PTZ Control Panels	43
	Touch Screen Support	43
	PTZ and I/O Control Panel	43

	Touch Screen Panel	44
	Retrieving Images Using Object Index	45
	Object Index Setup	45
	Live Object Index	46
	Object Index Search	47
	Detecting Unattended and Missing Objects	48
	Detecting Unattended Objects	48
	Detecting Missing Objects	50
	Object Tracking and Zooming	53
	Object Tracking	53
	Starting Object Tracking	57
	Zooming in Objects	57
	Object Zooming	58
	Starting Object Zooming	60
	Configuring Hybrid Cameras	61
	Privacy Mask Protection	62
	Setting Up a Privacy Mask	63
	Granting Access Privileges to Recoverable Areas	63
	Scene Change Detection	64
	Advanced Motion Detection	66
	Hard Disk Calculator	67
	DSP Spot Monitor Controller	68
	Spot Monitor Controller	69
	Spot Monitor Panel	72
	System Idle Protection	72
	Auto Logout Administration	73
	Auto Login User without Access Rights	73
	Auto Start Recording	74
	Version Information	74
	Fast Key Reference	75
Chapter 2	I/O Applications	80
	Setting Up I/O Devices	80
	Latch Trigger	84
	Keeping Last Toggle Status	86
	I/O Control Panel	88
	I/O Input Control Panel	88
	I/O Output Control Panel	88

	Moving PTZ Camera to a Preset Location upon Alarm Event	89
	Deactivating Alarm and Alert Settings	90
	Detecting Input State	91
	I/O Enable Setting	92
	Advanced I/O Panel	93
	The Advanced I/O Panel	93
	Creating a Group for Cascade Triggers	94
	Configuring the Advanced I/O Panel	97
	Setting Up Mode Schedule	98
	Quick Link	100
	Forcing Output	100
	Editing Background Image	101
	System-Wide Triggers	101
	The “Advanced Logical Input Status in Multicam” Option	102
	Mapping a Group of I/O Devices	103
Chapter 3	Point-Of-Sale (POS) Application	104
	POS System Connection	104
	POS Data Sender	105
	Setting a POS System	106
	Superimposing POS Data onto Camera Screen	107
	POS Field Filter	109
	Abnormal Transaction Alerts	111
	Codepage Mapping	112
	Searching POS Data	113
	POS Live View	113
	The POS Live View Window	113
	Setting Up POS Live View	114
Chapter 4	Playing Back Video Files	116
	Playing Back on ViewLog	116
	Playback Screen Layout	119
	Playback Control Buttons	120
	A to B Playback Mode	120
	Searching a Video Event	121
	Exporting Video	122
	Saving Images	124
	Printing Images	125

	Object Search	126
	Searching and Playing Back Motion, Alarm, and POS Event	128
	Advanced Setup	130
	Recycling Option for Video Files	135
	Unmarking All Never-Recycling Flags	136
	Reserving Never-Recycling Flags	136
	Playing Back across Local Area Network (LAN)	136
	Playing Back over Internet Using Control Center Server	138
	Accessing the Remote ViewLog	138
	Viewing Connection Status	139
	Resuming Backup	140
	Playing Back over Internet Using Remote Playback	141
	Working with Remote Playback Server at the Server PC	142
	Working with Remote Playback Client at the Client PC	144
	Fast Key Reference	151
Chapter 5	Backing Up and Deleting Video Files	153
	Audio/Video Backup Using Backup System	153
	Backing Up Log Data Using System Log	156
	Backing Up Files Using ViewLog	157
	Backing Up at the Client PC	160
	Deleting Files Using Backup System	161
	Deleting Files Using ViewLog	162
	Repairing Damaged File Paths	163
Chapter 6	Viewing Live Video Using WebCam	165
	Configuring the WebCam Server	165
	WebCam Server Settings	165
	IP White List Settings	172
	UPnP Settings	172
	FTP Server Settings	175
	Starting WebCam at the Client PC	175
	Single View MPEG4 Encoder Viewer	178
	Administering Host Server	179
	Taking a Snapshot from a Live Video	179
	Pop-up Setup	180
	Exporting Video	181
	PTZ Control	181

I/O Control	181
Two-Way Audio	182
Data Rate Configuration	183
DirectDraw Setup	183
Remote Configuration	183
Multi View MPEG4 Encoder Viewer	184
Working with the Host Server Window	186
Working with the Hosts on the Same LAN	187
Exporting Video	187
Taking a Snapshot from a Live Video	187
PTZ Control	187
Output Control	188
Channel Status Information	188
Camera Polling Function	188
Two-Way Audio	189
Multi View Configuration	189
Creating a Quick Connection to a Host Server	190
Creating a Multiple Host	191
Camera Status	193
Host Information	194
JPEG Image Viewer	195
Remote Playback on WebCam	196
Searching and Playing Back Recorded Files	197
Synchronizing Audio with Video Playback	197
DirectDraw Setup	197
Searching Object Index	198
Advanced Search	199
Remote Control Using Remote Desktop	201
Remote Viewing with PDA	202
G-View Installation	202
Connecting G-View to GV-Server	202
Viewing GV-Server Information	204
Remote Viewing with Mobile Phone	204
I-Mode Phone	205
Windows Smartphone	206
Symbian Smartphone	207
Fast Key Reference	209
The Multi View Window	209

	PTZ Control in Multi View	210
Chapter 7	E-Map Application	211
	The E-Map Editor	211
	Creating an E-Map File	213
	Creating an E-Map File for a Remote Host	213
	Starting E-Map	214
	Setting the Pop-up Map Function	216
	Starting E-Map from a Remote Site	216
	The Remote E-Map Window	217
	Logging in Different Hosts	218
	Configuring the Remote E-Map Window	218
	Viewing Host Information	219
Chapter 8	Live Viewing Using Remote Applications	221
	Remote View	221
	Setting Up Remote View	221
	Working With My Favorite	224
	Camera Zoom Function	225
	Playing with Screen View Windows Functions	225
	Playing Back Video Files In Q-View	226
	Preference Settings	226
	Remote PTZ and I/O function	227
	Full Screen View	229
	IP Multicast	229
	Setting Up IP Multicast	230
	Starting IP Multicast	230
Chapter 9	Central Monitoring by Center V2	232
	Installing Center V2	232
	The Center V2 Window	233
	Creating a Subscriber Account	235
	Creating a Subscriber	236
	Subscriber Settings	237
	Attachment Mode Settings	238
	Creating a Subscriber Schedule	239
	Configuring Center V2	241
	Connecting to Center V2	245

	Normal Mode Setup	245
	Panic Button Setup	251
	Detecting Input Status	252
	Event Log Browser	252
	Opening the Event Log	253
	Filtering the Event Log	253
	Event Log Settings	254
	Page Setup	255
	Monitoring and Managing Subscribers	256
	Showing I/O Status	256
	I/O Enable Setting	256
	Camera / Audio Control	257
	Camera Monitor	258
	Viewing Subscriber Information	259
	Subscription Control	259
	Output Alerts	259
	Forcing Outputs of Center V2	259
	Forcing Outputs of a Subscriber	259
	Notification Settings	260
	SMS Alerts	260
	Setting SMS Server	261
	Connecting to the SMS Server	262
	Sending SMS	262
	E-Mail Alerts	263
	Setting Mailbox	263
	Sending E-Mail	264
	E-Map Alerts	264
Chapter 10	Short Message Service	265
	Installing SMS Server	265
	The SMS Server Window	266
	SMS Server Setup	267
	Device Settings	267
	Server Settings	268
	Account Settings	271
	SMS Log	273
	Setting SMS Log	273
	Viewing SMS Log	273

	Password Security	274
	Connecting GV-System to SMS Server	274
	Setting Mobile Phone Numbers	276
Chapter 11	Useful Utilities	277
	Dynamic DNS	277
	Installing Dynamic DNS	277
	Registering Domain Name with DDNS	278
	TwinDVR System	280
	Starting TwinServer	281
	Installing TwinDVR	283
	Starting TwinDVR	283
	TwinDVR Settings	285
	Watermark Viewer	287
	Twin View Display	289
	Windows Lockup	291
	The GV-desktop Screen	291
	GV-desktop Features	292
	Authentication Server	296
	Installing the Server	296
	The Server Window	296
	Creating a DVR List	297
	Editing a User	297
	Starting the Server	299
	Connecting GV-System to the Server	300
	Fast Backup and Restore	302
	Selecting a Skin	303
	Customizing the Features	304
	Backing Up and Restoring Settings	305
	Hot-Swap Recording	307
	The Media Man Tool Window	307
	Adding a Disk Drive	308
	Removing a Disk Drive	309
	Backing Up ViewLog Files	309
	Troubleshooting	310